

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : NOT YET ASSIGNED
Confirmation No. : NOT YET ASSIGNED
Filed : HEREWITH
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : NOT YET ASSIGNED
Examiner : HEREWITH

Hon. Commissioner for Patents Pittsburgh, PA 15232
P.O. Box 1450 February 4, 2014
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Prior to examination of this application,
applicant amends the application as follows:

Amendments to the Specification is reflected in
the listing of claims which begins on page 2 of this paper.

Amendments to the Claims are reflected in the
listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.

Amendments to the Specification:

Please replace paragraph 1 of the specification, which begins on page 4 of page 1 of the specification with the following paragraph showing amendments.

--This application is a continuation of U.S. Patent Application No. 13/453,659, filed on April 23, 2012, which is a continuation of U.S. Patent Application No. 10/797,801 filed on March 9, 2004 which claims the benefit of United States Provisional Patent Application No. 60/455,218 filed on March 14, 2003 which ~~is~~ are all hereby incorporated by reference herein in their ~~its~~ entirety.--

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (new) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16. (new) The watch of claim 15, further comprising a second watch band.

17. (new) The watch of claim 15, further comprising a buckle.

18. (new) The watch of claim 15, further comprising:

a second watch band; and

a buckle, wherein said buckle is coupled to said second watch band.

19. (new) The watch of claim 15, further comprising an amplifier.

20. (new) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (new) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (new) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (new) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (new) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (new) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (new) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (new) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (new) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (new) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (new) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

Applicant has cancelled claims 1-14 without prejudice and solely in order to expedite prosecution.

Applicant has added new claims 15-30 in order to more particularly point out and distinctly claim the subject matter that applicant regards as the invention.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
1310 Riverfront Drive
Pittsburgh, PA 15238
Mobile: (914) 837-7741

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

☐	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1				
Applicant Authority ☒ Inventor		☐ Legal Representative under 35 U.S.C. 117		☐ Party of Interest under 35 U.S.C. 118
If applicant is not an inventor, indicate the authority to file for the patent on behalf of the inventor, the inventor is:				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Jeffrey	David	Mullen	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Pittsburgh	State/Province	PA	Country of Residence ⁱ USA
Citizenship under 37 CFR 1.41 (b) ⁱ		USA		
Mailing Address of Applicant:				
Address 1		1310 Riverfront Drive		
Address 2				
City	Pittsburgh	State/Province	PA	
Postal Code	15238	Country ⁱ	USA	
If the representative for the inventor is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Residence Information of the Inventor's Representative:				
Residence Information (Select One) ☐ US Residency ☐ Non US Residency ☐ Active US Military Service				
City		State/Province		Country of Residence
Citizenship under 37 CFR 1.41 (b) ⁱ				
Mailing Address of the Inventor's Representative:				
Address 1				
Address 2				
City		State/Province		
Postal Code		Country ⁱ		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
☐ An Address is being provided for the correspondence information of this application.	
Customer Number	32733
Email Address	Jmullen54@aol.com

Application Information:

Title of the Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
Attorney Docket Number	JDM/004 CON2	Small Entity Status Claimed ☒	
Application Type	non-provisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		

Publication Information:	
☐	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐	Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.			
Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ US Representative (37 CFR 11.9)
Customer Number	32733		

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.			
Prior Application Status			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
This application	continuation	13/453,659	2012-04-23
11/485,161	continuation	10/797,801	2004-03-09
10/797,801	non-provisional	60/455,218	2003-03-14
Additional Domestic Priority Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).			
Application Number	Country i	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			☐ Yes ☒ No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.				
Assignee 1				
If the Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information:				
Address 1				
Address 2				
City		State/Province		
Country i		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee Data may be generated within this form by selecting the Add button.				

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.				
Signature	/Jeffrey D. Mullen/		Date (YYYY-MM-DD)	2014-02-04
First Name	Jeffrey	Last Name	Mullen	Registration Number
		52,056		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USP TO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
 Application No. : Not Yet Assigned
 Confirmation No. : Not Yet Assigned
 Filed : Herewith
 For : SYSTEMS AND METHODS FOR PROVIDING
 REMOTE INCOMING CALL NOTIFICATION
 FOR CELLULAR PHONES
 Group Art Unit : Not Yet Assigned
 Examiner : Not Yet Assigned

Hon. Commissioner for Patents Pittsburgh, PA 15238
 P.O. Box 1450 February 4, 2014
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,
 applicant wishes to call the attention of the Examiner to the
 following documents:

Patent Documents

5,752,203	Yamashita, Koji	05-1998	(i)
6,216,017	Lee et al.	04-2001	(ii)
6,226,536	Miyashita, Tsutomu	05-2001	(i)
6,160,489	Perry et al.	12-2000	(i)

6,249,222	Gehlot, Narayan Lal	06-2001	(i)
6,263,218	Kita Kazunori	07-2001	(ii)
6,697,647	Higuchi et al.	02-2004	(i)
6,978,164	Vicendese, Frank	12-2005	(ii)
2003/0176205	Oota et al.	09-2003	(i)
2003/0040286	Walter, Terry	02-2003	(i)
2004/0058647	Zhang et al.	03-2004	(i)
2002/0016188	Kashiwamura, Iwao	02-2002	(ii)
2002/0115478	Fujisawa et al.	08-2002	(i)

Foreign Patent Documents

JP10-155012	Tamami	06-1998	(i)
JP2001352378A	Toyoshima, Teruhisa	12-2001	(i)
JP2001086202A	Togawa, Seiji	03-2001	(i)

For the above-identified documents that are United States patents, copies of these documents are not being submitted herewith.

The above-identified documents with the reference (i) were cited in Patent Application No. 10/797,801. Applicant respectfully requests the Examiner review the prosecution history of Patent Application No. 10/797,801 and any communications contained therein.

The above-identified documents with the reference (ii) were cited in Patent Application No. 13/453,659.

Applicant respectfully requests the Examiner review the prosecution history of Patent Application No. 13/453,659 and any communications contained therein.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO/SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

Applicant hereby submits that not all of the patent documents and non-patent literature submitted herein may be, in fact, prior art to the present application. Applicant reserves the right to dispute whether references, or subject matter within references, are prior art to the present application (e.g., continuation-in-part subject matter filed after the filing date of the present application).

This Statement is being submitted with the filing of the application. In accordance with 37 C.F.R. § 1.97(a)(4), no fee is required. An early and favorable action is respectfully requested.

Respectfully submitted,

/Jeffrey D. Mullen/

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Substitute for form 1449A/PTO				Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	13/453,659
				Filing Date	April 23, 2012
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2656
				Examiner Name	Melur Ramakrishnaiah
Sheet	1	of	1	Attorney Docket Number	JDM/004 CON2

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. ¹	Document Number Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,752,203	05-1998	Yamashita, Koji	
		6,216,017	04-2001	Lee et al.	
		6,226,536	05-2001	Miyashita, Tsutomu	
		6,263,218	07-2001	Kita Kazunori	
		6,160,489	12-2000	Perry et al.	
		6,249,222	06-2001	Gehlot, Narayan Lal	
		6,697,647	02-2004	Higuchi et al.	
		6,978,164	12-2005	Vicendese, Frank	
		2003/0176205	09-2003	Oota et al.	
		2003/0040286	02-2003	Walter, Terry	
		2004/0058647	03-2004	Zhang et al.	
		2002/0115478	08-2002	Fujisawa et al.	
		2002/0115478	08-2002	Fujisawa et al.	

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP10-155012	06-1998	Tamami		
		JP2001352378A	12-2001	Toyoshima, Teruhisa		
		JP2001086202A	03-2001	Togawa, Seiji		

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	13/453,659
				Filing Date	April 23, 2012
				First Named Inventor	Jeffrey D. Mullen
				Art Unit	2656
				Examiner Name	Melur Ramakrishnaiah
Sheet	2	of	1	Attorney Docket Number	JDM/004 CON2

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-155012

(43)Date of publication of application : 09.06.1998

(51)Int.Cl.

H04M 1/00
H04B 7/26

(21)Application number : 08-325931

(71)Applicant : SAITAMA NIPPON DENKI KK

(22)Date of filing : 22.11.1996

(72)Inventor : ICHIHASHI TAMAMI

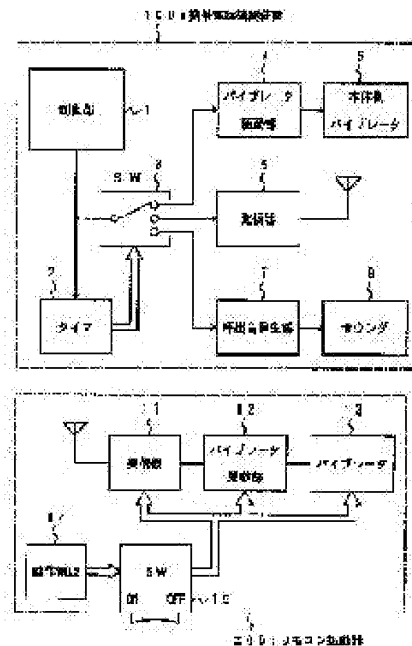
(54) PORTABLE TELEPHONE SET

(57)Abstract:

PROBLEM TO BE SOLVED: To suppress power consumption to the utmost even when a power supply is left switched on by operating a main body side vibration generating means at first on the arrival of an incoming call so as to vibrate a vibrator of a portable telephone set for notification of the incoming call to the user and vibrating a remote control vibrator through the automatic changeover of a switch when the portable telephone set does not hook off within a prescribed time so as to inform the arrival of the incoming call.

SOLUTION: In the case that the vibration notice mode is set, a vibrator drive section drives a main body side vibrator 5 to vibrate a portable telephone set main body so as to inform the arrival of an incoming call to the user.

When the telephone set is not hooked off within a prescribed time, a switch 3 is switched by a signal from a timer 2 to give a control signal from a control section 1 to a transmitter 6, which sends a radio signal to activate a remote control vibrator 200. The transmitted radio signal is received by a receiver 11 and a vibrator drive section 12 drives a vibrator 13 to vibrate the remote control vibrator 200.



* NOTICES *

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- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1]A portable telephone which has an incoming call notice means to tell a user about mail arrival by vibration when there is arrival characterized by comprising the following. It is the main part side vibration generating means at least to the portable telephone body side. A ringing tone generating means.

A remote-control-operation means to operate a remote control (remote control) vibrator by remote control.

A switch which chooses any of these vibration generating means, a ringing tone generating means, and a remote-control-operation means they are, a timer, and a control section which controls the whole are provided, and. When a vibration generating means is provided in said remote control vibrator, the portable telephone concerned is set as oscillating information mode in which mail arrival is told by vibration and there is mail arrival, Said control section operates said main part side vibration generating means first, vibrates the portable telephone concerned, and tells a user about mail arrival, An incoming call notice means to change said switch automatically [when a user does not do off-hook into fixed time (T_1) measured with said timer], to vibrate said remote control vibrator, and to tell a user about mail arrival.

[Claim 2]Said control section operates said main part side vibration generating means first, vibrates the portable telephone concerned, and tells a user about mail arrival, Change said switch automatically [when a user does not do off-hook into fixed time (T_1) measured with said timer], vibrate said remote control vibrator, and a user is told about mail arrival, A portable telephone given [provided with an incoming call notice means to which said switch is changed automatically / when a user does not do off-hook into fixed time (T_2) measured with said timer /, and singing of the ringing tone is carried out by said ringing tone generating means] in

the 1st paragraph of a claim.

[Translation done.]

* NOTICES *

JP0 and INPIT are not responsible for any damages caused by the use of this translation.

- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.**** shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention]This invention relates to the portable telephone provided with what is called a remote control (remote control) vibrator.

[0002]

[Description of the Prior Art]Some portable telephones in recent years are provided with what is called a remote control vibrator. When a portable telephone has mail arrival, singing of the ringing tone is carried out by the ringing tone generating means with which the portable telephone was usually equipped, and a user is told about this arrival, but the inside of a meeting, and in a train, this ringing tone becomes troublesome for others. Therefore, by the method of vibrating such a portable telephone body, although there is a device which makes a vibrator build in a portable telephone body, vibrates this vibrator, and tells mail arrival, if a user does not always attach a portable telephone to the body, it does not understand. Then, separate a vibrator, consider it as a remote control vibrator, and the portable telephone body is put in order into the back etc., When only this remote control vibrator is attached to the body and there is mail arrival, there is a portable telephone provided with the remote control vibrator which tells a user about mail arrival by vibrating this remote control vibrator.

[0003]As advanced technology of the portable telephone provided with such a remote control vibrator, although there are JP,3-283852,A "telephone device" etc., for example, In the case of such a portable telephone, selection operation of what one or one side is usually carried out to reporting means which a vibrator is not formed in a portable telephone body, but are provided in the portable telephone body, such as a ringing tone singing means, with a selecting switch.

[0004]However, since it is used in order that a remote control vibrator may avoid the troublesomeness which attaches the portable telephone body to the body, what also has a very small cell which the small weight saving is carried out farther than a portable telephone

body, therefore is built in is used, but. Although consumption of electric power is comparatively small at the time of reception of an electric wave, in order to exhaust comparatively big electric power for generating of vibration, when required, the case of it being unable to use being able to cause a dead battery happens well. Therefore, from the necessity of switching on the power supply of a remote control vibrator, the user needs to stop ON/OFF of an electric power switch on a his mind, only when required.

[0005]

[Problem(s) to be Solved by the Invention]In the portable telephone provided with the conventional remote control vibrator as mentioned above, only when required in order to prevent useless consumption of a cell, are using switching on a power supply and operating a remote control vibrator, but. This operation was troublesome, and when it was neglected with the remote control vibrator turned on, the problem that a cell will be exhausted was in the inside of a short time.

[0006]It is made in order that this invention may solve this problem, and it aims at providing the portable telephone provided with the remote control vibrator by which the power consumption is pressed down as much as possible turn [the remote control vibrator], having the conventional function and the same function.

[0007]

[Means for Solving the Problem]In a portable telephone which has an incoming call notice means to tell a user about mail arrival by vibration when a portable telephone concerning this invention has mail arrival, To the portable telephone body side, at least The main part side vibration generating means and a ringing tone generating means, A remote-control-operation means to operate a remote control (remote control) vibrator by remote control, A switch which chooses any of these vibration generating means, a ringing tone generating means, and a remote-control-operation means they are, a timer, and a control section which controls the whole are provided, and. When a vibration generating means is provided in said remote control vibrator, the portable telephone concerned is set as oscillating information mode in which mail arrival is told by vibration and there is mail arrival, Said control section operates said main part side vibration generating means first, vibrates the portable telephone concerned, and tells a user about mail arrival, When a user did not do off-hook into fixed time (T_1) measured with said timer, it had an incoming call notice means to have changed said switch automatically, to have vibrated said remote control vibrator, and to tell a user about mail arrival.

[0008]Said control section operates said main part side vibration generating means first, vibrates the portable telephone concerned, and tells a user about mail arrival, Change said switch automatically [when a user does not do off-hook into fixed time (T_1) measured with said timer], vibrate said remote control vibrator, and a user is told about mail arrival, When a user

did not do off-hook into fixed time (T_2) measured with said timer, it had an incoming call notice means to which said switch is automatically changed and singing of the ringing tone is carried out by said ringing tone generating means.

[0009]A portable telephone of this invention is having the above composition, and is made with composition which presses down consumption of electric power by useless vibration of a remote control vibrator. Since ringing tone was considered as composition which carries out singing when a portable telephone body was vibrated first, then a remote control vibrator was vibrated, when oscillating information mode is set up, and off-hook still was not carried out, a user-friendly device certainly told mail arrival by user is obtained.

[0010]

[Embodiment of the Invention]Hereafter, the embodiment of this invention is described using a drawing. Drawing 1 is a block diagram showing one embodiment of the incoming call notice means relevant to this invention among the portable telephones provided with the remote control vibrator of this invention. the control section which 100 is the portable telephone body side device, and 200 is a remote control vibrator, and controls the whole incoming call notice means 1 in a figure, and 2 -- as for the main part side vibrator and 6, a changeover switch and 4 are [a ringing tone generating part and 8] sounders a transmitter and 7 a vibrator actuator and 5 a timer and 3. Although the remote control vibrator 200 comprises the receiver 11, the vibrator actuator 12, the vibrator 13, the operation power 14, and electric power switch 15 grade, this is the same composition as the usual remote control vibrator.

[0011]Next, operation is explained using the flow chart of drawing 2. In [if the control section 1 detects mail arrival in Step S1] the control section 1, When it detects whether this portable telephone is set as oscillating information mode (Step S2) and is not set as oscillating information mode, it moves to Step S3, the sounder 8 is operated by the ringing tone generating part 7, and singing of the ringing tone is carried out. And when a user does off-hook, singing is stopped and the processing is ended (step S4). (when a telephone is taken)

[0012]When oscillating information mode is set up at Step S2, it moves to Step S5, and the main part side vibrator 5 is made to drive by the vibrator actuator 4, a portable telephone body is vibrated, and a user is told about that there is mail arrival. And when off-hook is carried out after that, end the processing, but (Step S6). When there is off-hook ** into predetermined time (T_1) as for nothing (Step S7), the switch 3 operates and changes by the signal from the timer 2, the control signal from the control section 1 is inputted into the transmitter 6, and the radio signal for operating the remote control vibrator 200 from the transmitter 6 is sent. It is received by the receiver 11, the vibrator actuator 12 drives the vibrator 13, and the sent radio signal vibrates the remote control vibrator 200.

[0013]Namely, in this embodiment, when there is mail arrival and oscillating information mode is chosen, vibrate first the main part side vibrator 5 built in the portable telephone body, and tell

a user about mail arrival, but. Even if it carries out predetermined time (T_1) vibration of the main part side vibrator 5, when a user does not do off-hook, the user and the portable telephone are separated and a user judges that they have attached the remote control vibrator 200 to the body, Use vibrating the vibrator 13 of the remote control vibrator 200, and it does not perform vibrating the remote control vibrator 200 immediately, if it is oscillating information mode like the conventional device, It has composition which presses down unnecessary operation (generating of vibration) of the remote control vibrator 200, and presses down consumption of electric power.

[0014]And when off-hook is carried out by step S9, end the processing, but. When there is off-hook ** into predetermined time (T_2) as for nothing (Step S10), it moves to Step S3, the switch 3 operates and changes by the signal from the timer 2 again, the ringing tone generating part 7 operates the sounder 8 with the control signal from the control section 1, and singing of the ringing tone is carried out. Namely, the incoming call notice by vibration by the remote control vibrator 200, If the user has attached the remote control vibrator 200 to the body, even if he will notice immediately and it will carry out [therefore] predetermined time (T_2) progress, when off-hook is not carried out, A user judges that the remote control vibrator 200 is not attached to the body, useless operation of the remote control vibrator 200 is pressed down by changing the switch 3 again, and useless consumption of electric power is considered as the composition pressed down as much as possible. And when off-hook is carried out, singing is stopped and the processing is ended (step S4).

[0015]Therefore, even if the electric power switch 15 of the remote control vibrator 200 is in the state where the operation power 14 is on by the ON state, it has composition which presses down the opportunity for the vibrator 13 to vibrate and for electric power to be exhausted, as much as possible, and presses down useless consumption of the operation power (cell) 14. Since an opportunity to vibrate the vibrator 13 as mentioned above can be lessened as much as possible even if the electric power switch 15 is an ON state, it becomes unnecessary, as for a user, to pay attention to ON/OFF of the electric power switch 15 as **.

[0016]

[Effect of the Invention]As explained above, since the cell phone unit of this invention can press down the power consumption, without spoiling the conventional function even if it is in the state where it was put into the power supply by the remote control vibrator, it can work a remote control vibrator for a long time. Since the power consumption can be pressed down even if it is in the state where it was put into the power supply by the remote control vibrator, it becomes unnecessary, as for a user, to stop the electric power switch of a remote control vibrator on a its mind as **. By carrying out singing of the ringing tone automatically, when a portable telephone body is vibrated first, then a remote control vibrator is vibrated and off-hook

still is not carried out, even if it has furthermore set it as oscillating information mode. User-friendliness becomes good and there is an effect of being able to notify a user now of mail arrival certainly.

[Translation done.]

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TECHNICAL FIELD

[Field of the Invention]This invention relates to the portable telephone provided with what is called a remote control (remote control) vibrator.

[Translation done.]

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PRIOR ART

[Description of the Prior Art]Some portable telephones in recent years are provided with what is called a remote control vibrator. When a portable telephone has mail arrival, singing of the ringing tone is carried out by the ringing tone generating means with which the portable telephone was usually equipped, and a user is told about this arrival, but the inside of a meeting, and in a train, this ringing tone becomes troublesome for others. Therefore, by the method of vibrating such a portable telephone body, although there is a device which makes a vibrator build in a portable telephone body, vibrates this vibrator, and tells mail arrival, if a user does not always attach a portable telephone to the body, it does not understand. Then, separate a vibrator, consider it as a remote control vibrator, and the portable telephone body is put in order into the back etc., When only this remote control vibrator is attached to the body and there is mail arrival, there is a portable telephone provided with the remote control vibrator which tells a user about mail arrival by vibrating this remote control vibrator.

[0003]As advanced technology of the portable telephone provided with such a remote control vibrator, although there are JP,3-283852,A "telephone device" etc., for example, In the case of such a portable telephone, selection operation of what one or one side is usually carried out to reporting means which a vibrator is not formed in a portable telephone body, but are provided in the portable telephone body, such as a ringing tone singing means, with a selecting switch.

[0004]However, since it is used in order that a remote control vibrator may avoid the troublesomeness which attaches the portable telephone body to the body, what also has a very small cell which the small weight saving is carried out farther than a portable telephone body, therefore is built in is used, but. Although consumption of electric power is comparatively small at the time of reception of an electric wave, in order to exhaust comparatively big electric power for generating of vibration, when required, the case of it being unable to use being able to cause a dead battery happens well. Therefore, from the necessity of switching on the power supply of a remote control vibrator, the user needs to stop ON/OFF of an electric power switch

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EFFECT OF THE INVENTION

[Effect of the Invention]As explained above, since the cell phone unit of this invention can press down the power consumption, without spoiling the conventional function even if it is in the state where it was put into the power supply by the remote control vibrator, it can work a remote control vibrator for a long time. Since the power consumption can be pressed down even if it is in the state where it was put into the power supply by the remote control vibrator, it becomes unnecessary, as for a user, to stop the electric power switch of a remote control vibrator on a its mind as **. By carrying out singing of the ringing tone automatically, when a portable telephone body is vibrated first, then a remote control vibrator is vibrated and off-hook still is not carried out, even if it has furthermore set it as oscillating information mode. User-friendliness becomes good and there is an effect of being able to notify a user now of mail arrival certainly.

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TECHNICAL PROBLEM

[Problem(s) to be Solved by the Invention]In the portable telephone provided with the conventional remote control vibrator as mentioned above, only when required in order to prevent useless consumption of a cell, are using switching on a power supply and operating a remote control vibrator, but. This operation was troublesome, and when it was neglected with the remote control vibrator turned on, the problem that a cell will be exhausted was in the inside of a short time.

[0006]It is made in order that this invention may solve this problem, and it aims at providing the portable telephone provided with the remote control vibrator by which the power consumption is pressed down as much as possible turn [the remote control vibrator], having the conventional function and the same function.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1]It is a block diagram showing one embodiment of the equipment configuration of this invention.

[Drawing 2]It is a flow chart for explaining operation of this embodiment.

[Description of Notations]

- 1 Control section
- 2 Timer
- 3 Changeover switch
- 4 Vibrator actuator
- 5 The main part side vibrator
- 6 Transmitter
- 7 Ringing tone generating part
- 8 Sounder
- 11 Receiver
- 12 Vibrator actuator
- 13 Vibrator
- 14 Operation power
- 15 Electric power switch
- 100 Portable telephone side device
- 200 Remote control vibrator

[Translation done.]

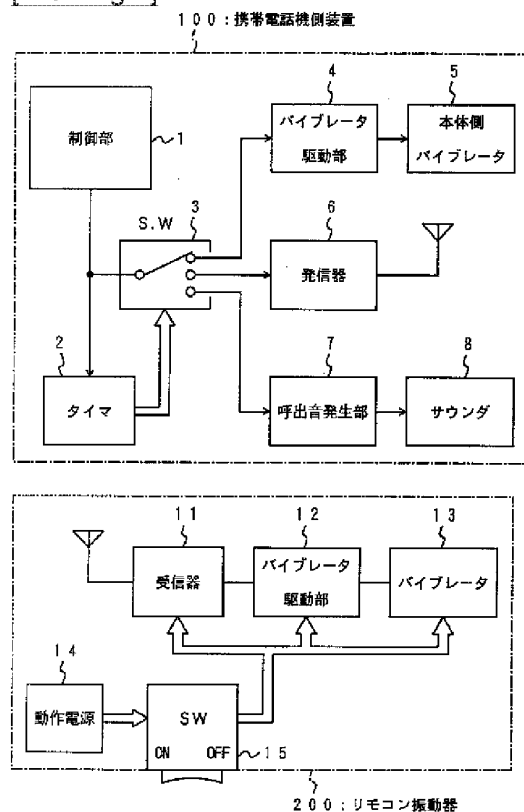
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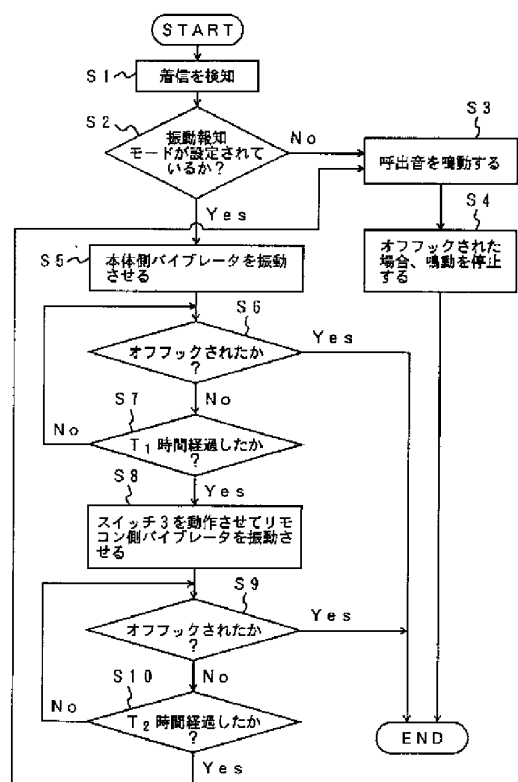
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DRAWINGS

[Drawing 1]



[Drawing 2]



[Translation done.]

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-086202

(43)Date of publication of application : 30.03.2001

(51)Int.Cl.

H04M 1/00
H04Q 7/38
H04M 1/03
H04M 1/05

(21)Application number : 11-256617

(71)Applicant : HITACHI KOKUSAI ELECTRIC
INC

(22)Date of filing : 10.09.1999

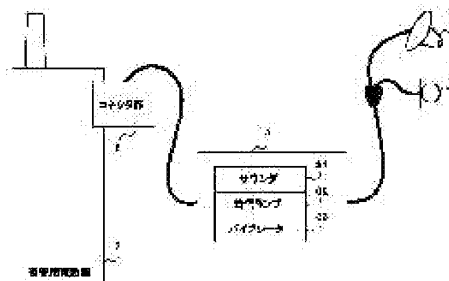
(72)Inventor : TOGAWA SEIJI

(54) EAR MICROPHONE ASSEMBLY

(57)Abstract:

PROBLEM TO BE SOLVED: To surely recognize incoming state, even while an earphone is detached in a highly noisy state by providing a signal line with an incoming report unit for performing incoming reporting operation with one of or all of ringing light, emission and vibration according to a preset style of the incoming report operation.

SOLUTION: An incoming report unit 3 is provided with a sounder 31 attached in the middle of a cable for connecting an earphone 1 to be inserted into the ear, a microphone 2 and a connector part 6 for outputting an incoming tone, an incoming lamp 32 to be emitted or flickered at the time of incoming and a vibrator 33 to be vibrated at incoming. At incoming, an incoming signal is inputted from a portable telephone set 7 through the connector part 6 to the incoming report unit 3 and when this signal is detected, respective reporting means with turned-on changeover switches are operated. When the earphone 1 is inserted into the ear, since the incoming unit 3 is located around the breast, ringing or light emission can be recognized at a position close to the eye or ear.



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CLAIMS

[Claim(s)]

[Claim 1]It is an IYAMAiku assembly which is provided with an earphone and an earphone type microphone and is connected with a telephone set body via a signal wire, An IYAMAiku assembly equipping said signal wire with a mail arrival information unit which performs either or all the mail arrival informing operation of singing, luminescence, and vibration according to a mode of said set-up mail arrival informing operation when a mode of mail arrival informing operation is set up beforehand and a terminating signal is inputted.

[Claim 2]A detection means to be provided with an earphone and an earphone type microphone, to detect a terminating signal which is an IYAMAiku assembly connected with a telephone set body via a signal wire, and is inputted from a telephone set body, and to output a mail arrival reporting signal, If said mail arrival reporting signal is inputted as a setting-out means to set up a mode of mail arrival informing operation beforehand, An IYAMAiku assembly providing a mail arrival information unit which has a mail arrival informing means which performs either or all the mail arrival informing operation of singing, luminescence, and vibration according to a mode of said set-up mail arrival informing operation in said signal wire.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention]This invention can relate to the IYAMAiku assembly used for personal digital assistants, such as a portable telephone and PHS, especially can make mail arrival recognize certainly also in a high noise state, and relates to an IYAMAiku assembly applicable to a common portable telephone set.

[0002]

[Description of the Prior Art]The IYAMAiku assembly for the conventional personal digital assistants is provided with the earphone type microphone which acquires and outputs a transmitted signal from vibration of ****, and the earphone which outputs a receiver voice, and even if it does not hold a telephone set body by hand by connecting and using for the main part of a portable telephone set at the time of a telephone call, it ends.

[0003]When the IYAMAiku assembly is being used, in order that a user may recognize mail arrival by the ringer tone from an earphone, and the ringer tone from the sounder of a telephone set body, there is a user in the state which has always inserted the earphone in an ear in many cases.

[0004]However, since he felt displeasure at some persons keeping an earphone inserted, such a person removes and uses an earphone and was made to judge mail arrival by blink of the incoming lamp (LED) formed in the ringer tone and main part from a sounder of the telephone set body.

[0005]As an informing device of the separate type which reports the arrival in the conventional portable telephone set, there is open JP,9-84141,A "incoming call appearance device" (applicant: Casio Computer Co., Ltd., artificer:Kazunori Kita) on March 28, Heisei 9. The mail arrival reporting signal transmitter inserted in the earphone microphone terminal of a cellular phone detects a terminating signal, and this conventional technology creates a mail

arrival reporting signal, It transmits to a card shape arrival reporting signal receiver or a list-directed arrival reporting signal receiver on radio, and if each receiver receives this mail arrival reporting signal, vibration and a voice response buzzer will report mail arrival.

The arrival of a portable telephone can be reported certainly, without making others trouble.

[0006]

[Problem(s) to be Solved by the Invention]However, in the conventional IYAMAiku assembly. When there is no function to report mail arrival, in addition to the ringer tone from an earphone and the noise of a factory etc. removed and uses an earphone at a large place, The ringer tone from a sounder could not be heard easily, and when the telephone set body was put into the pocket or was carried on the waist, blink of the incoming lamp was not visible easily, either, and there was a problem that he might not notice mail arrival.

[0007]In the incoming call appearance device of the conventional separate type, there was a problem that the special mechanism for transmitting a signal was required for a separate type reporting part as parts linked to a telephone set body or telephone, and it was not a thing widely applicable to a common portable telephone set.

[0008]An object of this invention is to provide the IYAMAiku assembly which it succeeded in view of the above-mentioned actual condition, can be made to recognize mail arrival certainly even if it has removed the earphone in a high noise state, and can be applied to a common portable telephone set.

[0009]

[Means for Solving the Problem]This invention which solves a problem of the above-mentioned conventional example is provided with an earphone and an earphone type microphone, It is an IYAMAiku assembly connected with a telephone set body via a signal wire, When a mode of mail arrival informing operation is set up beforehand and a terminating signal is inputted, It is considered as an IYAMAiku assembly which equipped a signal wire with a mail arrival information unit which performs either or all the mail arrival informing operation of singing, luminescence, and vibration according to setting out, Even if a user is not always inserting an earphone in an ear under environment of high noise, mail arrival can be recognized easily and certainly, and even if mail arrival can be answered promptly, it can talk over the telephone and it does not have a mechanism still more nearly special to a telephone set body or required accessories, it can use for a common portable telephone set widely.

[0010]

[Embodiment of the Invention]It explains referring to drawings for an embodiment of the invention. If the function realizing means explained below is a means by which the function concerned is realizable, it may be what kind of circuit or a device, and can also realize a part or all of a function by software. Two or more circuits may realize a function realizing means, and

two or more function realizing means may be realized in a single circuit.

[0011]First, the generic concept of the IYAMAiku assembly concerning this invention is explained. The IYAMAiku assembly concerning this invention on the signal wire which connects an IYAMAiku assembly and a telephone set body, The mail arrival information unit which performs informing operation, such as singing, luminescence, and vibration, at the time of mail arrival is provided, Even if it is not always inserting the earphone in an ear under the environment of high noise, mail arrival can be made to be able to recognize certainly, and it can use widely with the common portable telephone set which is not provided with the still more nearly special mechanism.

[0012]Next, the middle concept of the IYAMAiku assembly concerning this invention is explained using a functional constitution means. The IYAMAiku assembly for personal digital assistants concerning an embodiment of the invention, It has a detection means to detect a terminating signal, and a mail arrival informing means which performs mail arrival informing operation of singing, luminescence, and vibration based on a terminating signal, In [if a detection means detects that the terminating signal was inputted from the main part of a portable telephone set and outputs a mail arrival reporting signal to a mail arrival informing means, the mail arrival informing means will be made to perform mail arrival informing operation, and] the environment of high noise, Even if it is not always inserting the earphone in an ear, mail arrival can be recognized certainly, and even if it does not have the still more nearly special mechanism as a telephone set body or required accessories, it can use for a common portable telephone set widely.

[0013]The appearance of the IYAMAiku assembly concerning an embodiment of the invention is explained using drawing 1. Drawing 1 is an explanatory view showing the mounting state of the IYAMAiku assembly concerning an embodiment of the invention, and this IYAMAiku assembly. As shown in drawing 1, the IYAMAiku assembly which this invention requires comprises the following:

The earphone 1 which outputs a receiver voice.

The microphone 2 which acquires a transmitted signal.

The mail arrival information unit 3 which reports mail arrival.

The connector area 6 which makes connection with the portable telephone set (telephone set body) 7 which is a main part.

[0014]Especially the mail arrival information unit 3 that is a characterizing portion of this device is provided with the following.

The earphone 1 and the microphone 2 inserted in an ear.

The sounder 31 which is attached in the middle of the cable which connects the connector area 6, and outputs a ringer tone.

The incoming lamp 32 which emits light or blinks at the time of mail arrival.

Vibrator 33 which vibrates at the time of mail arrival.

[0015]And informing operation will be performed, if a terminating signal is inputted into a mail arrival information unit via the connector area 6 from the portable telephone set (telephone set body) 7 and a mail arrival information unit detects a terminating signal at the time of mail arrival.

[0016]In this device, when a pocket or the waist is equipped with a main part and the earphone 1 and the microphone 2 are inserted in an ear, it is provided in the position where the mail arrival information unit 3 comes to the neighborhood of a breast exactly. The clip etc. are formed in the mail arrival information unit 3 so that it can fix to clothes etc. (not shown). And since it will not become the obstacle of work, either but singing and luminescence will be performed in the position near the organs of perception, such as eyes and an ear, at the time of operation of the information unit 3, for example if the information unit 3 is stopped with a clip etc. on the breast of a fatigue dress, mail arrival can be recognized easily.

[0017]Next, each component part of this device is explained using drawing 2. Drawing 2 is a configuration block figure of the IYAMA I KU assembly concerning an embodiment of the invention. As shown in drawing 2, this device was provided with the earphone 1 which outputs a receiver voice, the microphone 2 which inputs a transmission sound, and the connector area 6 as the same portion as usual, and is provided with the mail arrival information unit 3 as a characterizing portion of this device.

[0018]Although the receiver signal line 11 sends out the input signal from a telephone set body to the earphone 1 as usual, it and identical signals are outputted to the primary detecting element 34. The transmitted signal line 12 sends out the audio signal inputted from the microphone 2 as usual to a telephone set body via the connector area 6.

[0019]The mail arrival information unit 3 which is a characterizing portion of this device, The sounder 31 and the incoming lamp 32 as an informing means which reports mail arrival, It has the primary detecting element 34 as a detection means, and each informing means is connected with changeover switch SW1 as a setting-out means which changes ON/OFF of each informing means to the vibrator 33, SW2, and SW3 via the changeover switch in the primary detecting element 34.

[0020]The primary detecting element 34 judges whether the signal inputted from the receiver signal line 11 is a terminating signal, if it is a terminating signal, will output a mail arrival reporting signal to changeover switch SW1, SW2, and SW3, and, in the case of signals other than terminating signals, such as a receiver voice, will not output.

[0021]Changeover switch SW1, SW2, and SW3 change ON/OFF of the sounder 31, the incoming lamp 32, and the vibrator 33, respectively, and a user changes them from the exterior

manually.

[0022]Next, operation of this device is explained using drawing 2. In this device, if a terminating signal is inputted into the receiver signal line 11 from a telephone set body via the connector area 6, a ringer tone will be outputted from the earphone 1. With it, a terminating signal is inputted into the primary detecting element 34, and if the primary detecting element 34 judges that an input signal is a terminating signal, it will output a mail arrival reporting signal to changeover switch SW1, SW2, and SW3.

[0023]And when the changeover switch is set to ON, a mail arrival reporting signal is inputted into each informing means connected to below, and each informing means operates. That is, if SW1 is ON, an informing sound will be outputted from the sounder 31, if SW2 is ON, the incoming lamp 32 will light up or blink, and if SW3 is ON, the vibrator 33 will vibrate. When the changeover switch is come by off, even if a mail arrival reporting signal is inputted, the informing means does not operate. Thus, at the time of mail arrival, by a user, the informing means set as ON performs informing operation, and reports mail arrival.

[0024]If according to the IYAMA I KU assembly concerning an embodiment of the invention the mail arrival information unit 3 is formed on the signal wire which connects a telephone set body, the earphone 1, and the microphone 2 and the primary detecting element 34 of the mail arrival information unit 3 detects a terminating signal, Since the informing means which outputs a mail arrival reporting signal to each informing means of the sounder 31, the incoming lamp 32, and the vibrator 33, and is set as ON is made to perform mail arrival informing operation, The user has removed the earphone, or even if noise is under large environment, mail arrival can be reported certainly, the user can recognize mail arrival easily, and it is effective in answering mail arrival promptly and being able to talk over the telephone.

[0025]According to this device, since he is trying for breasts, such as a fatigue dress, to stop the mail arrival information unit 3 with a clip, the mail arrival information unit 3 does not become the obstacle of work, but it can fix to the position which is easy to recognize mail arrival informing operation, and is effective in the ability to raise user-friendliness.

[0026]In this device, since the main part of a portable telephone set and the connection section with a portable telephone set are completely the same as usual, the mechanism special as the main part of a portable telephone set or required accessories is unnecessary, it can use for a common portable telephone set widely, and the effect mentioned above is acquired.

[0027]For example, if it has the contact button of an earphone type microphone also with the portable telephone set without a vibration function, by connecting and using this device for this contact button, it can have a vibration function and is effective in the ability to raise convenience.

[0028]Next, the IYAMA I KU assembly concerning another embodiment of this invention is explained using drawing 3. Drawing 3 is a configuration block figure showing the composition

of the IYAMAiku assembly (another device) concerning another embodiment of this invention. As shown in drawing 3, another device is the almost same composition as the IYAMAiku assembly mentioned above, but. It differs in that had the control line 13 as a line linked to a telephone set body in addition to the receiver signal line 11 and the transmitted signal line 12, and it has the setting-out selecting part 35 which performs the change of changeover switch SW1, SW2, and SW3. The setting-out means described by the claim is constituted from changeover switch SW1, SW2, SW3, and the setting-out selecting part 35 by another device. The IYAMAiku assembly control section 71 is formed in portable telephone set 7'.

[0029]In another device, ON/OFF of each informing means of an IYAMAiku assembly is set up in portable telephone set 7'. And the IYAMAiku assembly control section 71 memorizes the setting condition of each informing means of mail arrival information unit 3' set up from the key input section (not shown) of portable telephone set 7', and it outputs the control signal which changes ON/OFF of each informing means.

[0030]It is connected to the control line 13 and the selection setting part 35 of an IYAMAiku assembly changes ON/OFF of changeover switch SW1, SW2, and SW3 according to the control signal from the IYAMAiku assembly control section 71 of portable telephone set 7'.

[0031]That is, if the control signal which specifies an informing means and its ON/OFF via the control line 13 is inputted, he is trying for the selection setting part 35 to change the switch corresponding to the informing means this specified according to this control signal according to specification.

[0032]The operation at the time of the arrival in another IYAMAiku assembly is the same as that of the IYAMAiku assembly shown in drawing 2, If the primary detecting element 34 detects a terminating signal, a mail arrival reporting signal will be outputted to each switch, a signal is inputted into the informing means which corresponds if each changeover switch is ON, and informing operation is performed.

[0033]Since he is trying for the selection setting part 35 to change changeover switch SW1, SW2, and SW3 according to the control signal from the IYAMAiku assembly control section 71 of portable telephone set 7' according to another device concerning an embodiment of the invention, ON/OFF of each informing means of mail arrival information unit 3' of an IYAMAiku assembly can be set up from the key input section of a portable telephone set 7' main part, and it is effective in the ability to raise user-friendliness compared with changing a small switch manually.

[0034]

[Effect of the Invention]According to this invention, it is an IYAMAiku assembly which is provided with an earphone and an earphone type microphone and is connected with a telephone set body via a signal wire, Since it is considered as the IYAMAiku assembly which equipped the signal wire with the mail arrival information unit which performs either or all the

mail arrival informing operation of singing, luminescence, and vibration according to setting out when the mode of mail arrival informing operation is set up beforehand and a terminating signal is inputted, Even if the user is not always inserting the earphone in an ear under the environment of high noise, can recognize mail arrival easily and certainly, and. Even if mail arrival can be answered promptly, it can talk over the telephone and it does not have the mechanism still more nearly special to a telephone set body or required accessories, it is effective in the ability to use for a common portable telephone set widely.

[Translation done.]

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TECHNICAL FIELD

[Field of the Invention]This invention can relate to the IYAMAiku assembly used for personal digital assistants, such as a portable telephone and PHS, especially can make mail arrival recognize certainly also in a high noise state, and relates to an IYAMAiku assembly applicable to a common portable telephone set.

[Translation done.]

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PRIOR ART

[Description of the Prior Art]The IYAMA KU assembly for the conventional personal digital assistants is provided with the earphone type microphone which acquires and outputs a transmitted signal from vibration of ****, and the earphone which outputs a receiver voice, and even if it does not hold a telephone set body by hand by connecting and using for the main part of a portable telephone set at the time of a telephone call, it ends.

[0003]When the IYAMA KU assembly is being used, in order that a user may recognize mail arrival by the ringer tone from an earphone, and the ringer tone from the sounder of a telephone set body, there is a user in the state which has always inserted the earphone in an ear in many cases.

[0004]However, since he felt displeasure at some persons keeping an earphone inserted, such a person removes and uses an earphone and was made to judge mail arrival by blink of the incoming lamp (LED) formed in the ringer tone and main part from a sounder of the telephone set body.

[0005]As an informing device of the separate type which reports the arrival in the conventional portable telephone set, there is open JP,9-84141,A "incoming call appearance device" (applicant: Casio Computer Co., Ltd., artificer:Kazunori Kita) on March 28, Heisei 9. The mail arrival reporting signal transmitter inserted in the earphone microphone terminal of a cellular phone detects a terminating signal, and this conventional technology creates a mail arrival reporting signal, It transmits to a card shape arrival reporting signal receiver or a list-directed arrival reporting signal receiver on radio, and if each receiver receives this mail arrival reporting signal, vibration and a voice response buzzer will report mail arrival. The arrival of a portable telephone can be reported certainly, without making others trouble.

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EFFECT OF THE INVENTION

[Effect of the Invention]It is an IYAMAiku assembly which is provided with an earphone and an earphone type microphone and is connected with a telephone set body via a signal wire in this invention, When the mode of mail arrival informing operation is set up beforehand and a terminating signal is inputted, it is considered as the IYAMAiku assembly which equipped the signal wire with the mail arrival information unit which performs either or all the mail arrival informing operation of singing, luminescence, and vibration according to setting out. Therefore, even if the user is not always inserting the earphone in an ear under the environment of high noise, can recognize mail arrival easily and certainly, and. Even if mail arrival can be answered promptly, it can talk over the telephone and it does not have the mechanism still more nearly special to a telephone set body or required accessories, it is effective in the ability to use for a common portable telephone set widely.

[Translation done.]

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TECHNICAL PROBLEM

[Problem(s) to be Solved by the Invention]However, in the conventional IYAMAiku assembly. When there is no function to report mail arrival, in addition to the ringer tone from an earphone and the noise of a factory etc. removed and uses an earphone at a large place, The ringer tone from a sounder could not be heard easily, and when the telephone set body was put into the pocket or was carried on the waist, blink of the incoming lamp was not visible easily, either, and there was a problem that he might not notice mail arrival.

[0007]In the incoming call appearance device of the conventional separate type, there was a problem that the special mechanism for transmitting a signal was required for a separate type reporting part as parts linked to a telephone set body or telephone, and it was not a thing widely applicable to a common portable telephone set.

[0008]An object of this invention is to provide the IYAMAiku assembly which it succeeded in view of the above-mentioned actual condition, can be made to recognize mail arrival certainly even if it has removed the earphone in a high noise state, and can be applied to a common portable telephone set.

[Translation done.]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1]It is an explanatory view showing the mounting state of the IYAMAiku assembly concerning an embodiment of the invention, and this IYAMAiku assembly.

[Drawing 2]It is a configuration block figure of the IYAMAiku assembly (this device) concerning an embodiment of the invention.

[Drawing 3]It is a configuration block figure showing the composition of the IYAMAiku assembly (another device) concerning another embodiment of this invention.

[Description of Notations]

1 [-- A connector area, 7 / -- A portable telephone set and 11 / -- A receiver signal line and 12 / -- A transmitted signal line and 13 / -- The control line and 31 / -- A sounder and 32 / -- An incoming lamp and 33 / -- Vibrator and 71 / -- IYAMAiku assembly control section] -- An earphone and 2 -- A microphone and 3 -- A mail arrival information unit and 6

[Translation done.]

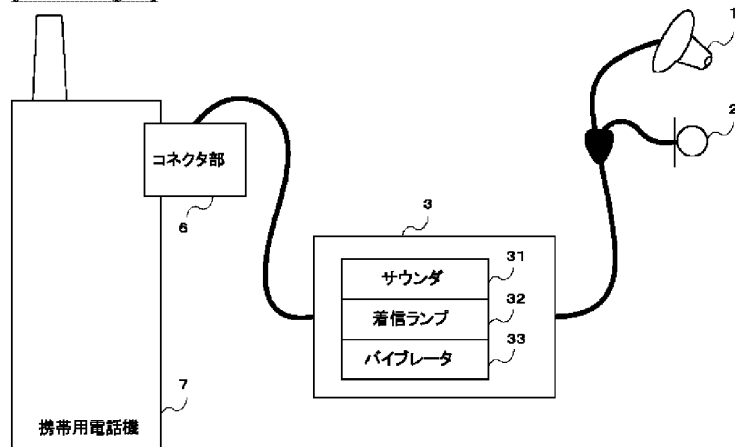
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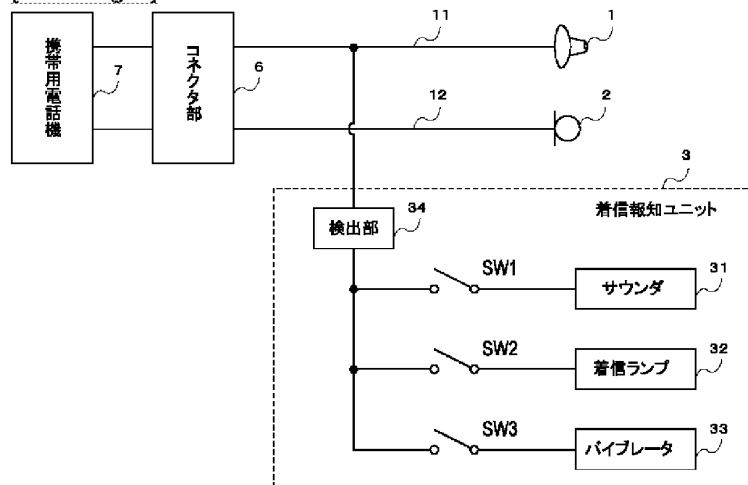
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DRAWINGS

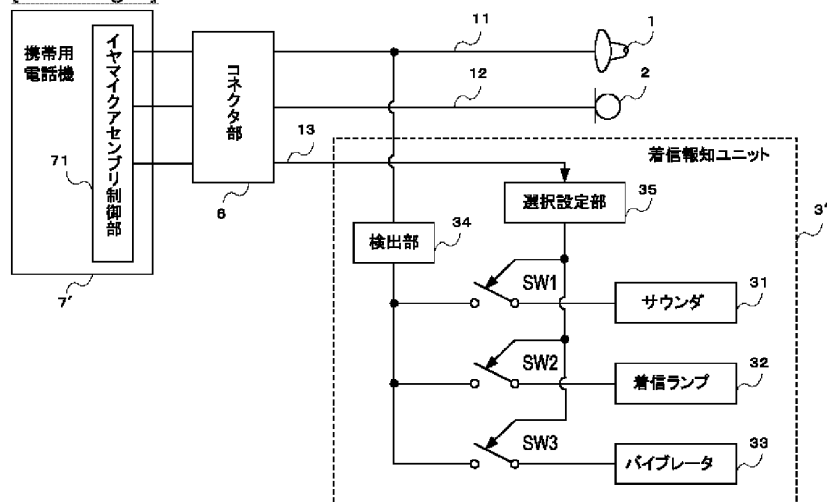
[Drawing 1]



[Drawing 2]



[Drawing 3]



[Translation done.]

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-352378

(43)Date of publication of application : 21.12.2001

(51)Int.Cl.

H04M 1/02
H04Q 7/38
H04M 1/00
H04M 1/725

(21)Application number : 2000-170557

(71)Applicant : UNITARY KIKAKU:KK

(22)Date of filing : 07.06.2000

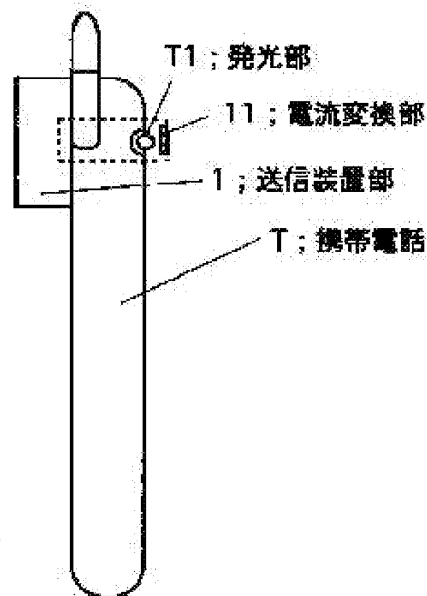
(72)Inventor : TOYOSHIMA TERUHISA

(54) NOTIFICATION SYSTEM FOR ARRIVAL OF INCOMING CALL TO MOBILE TELEPHONE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a notification system for the arrival of an incoming call to a mobile telephone that can inform a user about the arrival of an incoming call by means of vibration even when the mobile telephone is placed apart from the user.

SOLUTION: The notification system is provided with a transmitter section 1 that detects a light emitted from the mobile telephone T having a light emitting section T1 emitting the light at the arrival of an incoming call, converts the detected optical signal into a current and transmits a signal and with a receiver section that drives a vibrator by receiving the signal and is manufactured as a separate unit from the transmitter section. Mounting the receiver section receiving the signal sent by the transmitter section that detects the light emitted light from the light emitting section at the arrival of an incoming call and transmits the signal to vibrate the vibrator on e.g. the wrist of the user allows the user to sense the arrival of an incoming call even when the user is resident at a place apart from the mobile telephone.



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CLAIMS

[Claim(s)]

[Claim 1]A cellular-phone incoming call notice device comprising:

A sending set part which detects said luminescence of a cellular phone which has a light-emitting part which emits light when a message is received, changes said detected lightwave signal into current, and transmits a signal.

Said sending set part and a receiving set part manufactured by different body which make a vibrator drive in response to said signal.

[Claim 2]It has ID control circuit which adds ID information beforehand set as a signal transmitted from said sending set part, The cellular-phone incoming call notice device according to claim 1 having a comparison test circuit which emits a driving signal to a vibrator only when the same in a receiving set part which receives this signal as compared with said ID information set up beforehand.

[Claim 3]A receiving module which is formed in a sending set part characterized by comprising the following, and this sending set part and different body, and receives a pulse signal from said transmitting module and to which it restores in a converted pulse sequence, A comparison test circuit which judges whether ID train of impulses added to said converted pulse sequence is the same as ID set up with said receiving ID setting machine to be a receiving ID setting machine which sets up said ID similarly to a sending set part, and emits a driving signal when the same, A cellular-phone incoming call notice device having the receiving set part which has a means to vibrate a vibrator in response to said driving signal.

A current conversion part which detects said luminescence of a cellular phone which has a light-emitting part which emits light when a message is received, and changes said detected lightwave signal into current.

A transmitting ID setting machine which sets up ID.

ID control circuit which changes into a train of impulses a signal changed in said current conversion part, and is added to said converted pulse sequence by making ID information of said set-up ID into ID train of impulses.

A transmitting module which transmits a converted pulse sequence to which said ID train of impulses was added as a pulse signal.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application]This invention relates to a cellular-phone incoming call notice device and the cellular-phone incoming call notice device which can notify the arrival of a cellular phone in the position which separated more particularly.

[0002]

[Conventional technology and a problem] When a message is received in a cellular phone, a notice is performed by uttering a sound, or a cellular phone's vibrating and perceiving the vibration conventionally. For example, when performing sports, such as a pool, sea bathing, and tennis, the cellular phone is not attached to the body in many cases. Since the place which performs a sport is a public place in many cases, in such a case, it is preferred to stop the notice by a ringer tone and to operate the notice by vibration.

[0003]However, when a sound is uttered, even if it is in the position which a cellular phone and its user left, the user can know having got the telephone call to the notice sound, but when based on vibration, unless the user has attached the cellular phone to the body, there is a fault that mail arrival cannot be perceived.

[0004]This invention is made in view of an above-mentioned problem, and it aims at providing the cellular-phone incoming call notice device in which the incoming call notice by vibration is possible, also when the cellular phone and the user are separated.

[0005]

[Means for Solving the Problem]In order to solve the above-mentioned problem, a cellular-phone incoming call notice device by this invention, It has a sending set part which detects said luminescence of a cellular phone which has a light-emitting part which emits light when a message is received, changes said detected lightwave signal into current, and transmits a signal, and said sending set part and a receiving set part manufactured by different body which

make a vibrator drive in response to said signal.

[0006]By according to this invention, detecting luminescence of a light-emitting part, when a message is received, and equipping a wrist etc. with a receiving set part which vibrates a vibrator in response to a signal transmitted by sending set part which transmits a signal, for example, Also when it is in a cellular phone and a distant place, there is an advantage that mail arrival can be perceived. Unless ID information is in agreement by adding ID information to a sending signal, there is an advantage that it is able to make it not to make a vibrator drive, and it can make to cause malfunction into the minimum.

[0007]

[Example]Although drawing 1 is a side view of the cellular phone T, the light-emitting part T1 for generally telling mail arrival is formed in this cellular phone T. This light-emitting part T1 carries out blink luminescence, when there is mail arrival. In this invention, such a cellular phone T is equipped with the sending set part 1, for example by the band B and the velvet type fastener F. And luminescence is detected in the position corresponding to said light-emitting part T1, and the photo-transistor (current conversion part) 11 which changes said detected lightwave signal into current is formed (refer to drawing 1 and drawing 2).

[0008]As a block diagram is shown in drawing 3, such a sending set part 1 detects luminescence, and has the low pass filter 12 which removes the high frequency component of the current changed by the photo-transistor 11 which changes said detected lightwave signal into current, and this photo-transistor 11.

Said fabricated electrical signal is inputted into the ID control circuit 14 through Schmidt 13 who fabricates a waveform.

[0009]The transmitting ID setting machine 15 has connected with this ID control circuit 14. Setting out of this ID setting machine is arbitrarily attained in the user's ID.

This ID can be set up, for example at 8 bits, and can set up ID from which 255 differs in this case.

[0010]said ID control circuit 14 should pass said Schmidt 13 -- the inputted electrical signal -- a train of impulses -- changing (converted pulse sequence) -- the operation which adds ID set up with said transmitting ID setting machine 15 as a train of impulses (ID train of impulses) to the head part of said converted pulse sequence is performed.

[0011]Thus, the converted pulse sequence to which it was changed into the train of impulses in the ID control circuit 14, and ID train of impulses was added is sent to the transmitting module 16. This transmitting module 16 transmits the converted pulse sequence to which ID train of impulses was added as a pulse signal. V+ shows the power supply (cell).

[0012]On the other hand, the receiving set part 2 has the vibrator 21, as shown in drawing 4. When said vibrator 21 vibrates, an incoming call notice is possible and it has come.

A wrist etc. are equipped with said receiving set part 2 by the band and the velvet type fastener F, for example.

[0013]Such a receiving set part 2 has the receiving module 22, as shown in drawing 5.

The pulse signal transmitted from said transmitting module 16 is received, and it gets over in the converted pulse sequence to which ID train of impulses was added.

The converted pulse sequence to which it restored in this way is inputted into the ID comparison decision circuit 23. The receiving ID setting machine 24 is formed in this example, and setting out has become possible about ID. In this case, the receiving ID setting machine 24 is set as the same ID as ID set up with the transmitting ID setting machine 15.

[0014]Said ID comparison decision circuit 23 compares ID train of impulses added to the head of the converted pulse sequence with ID train of impulses set up with said receiving ID setting machine 24, and when in agreement, it outputs a driving signal.

[0015]When a driving signal is outputted, the transistor 25 is turned on and the vibrator 21 vibrates. Since a driving signal is not sent when not in agreement, the vibrator 21 does not vibrate. 26 is current infinite resistance and a diode for overcurrent protections in 27. V+ shows the power supply (cell).

[0016]

[Effect of the Invention]As explained above, according to the cellular-phone incoming call notice device by this invention, the sending set part and the receiving set part comprise a different body. And while a sending set part changes mail arrival luminescence into a signal and transmitting to a receiving set part, in order that a receiving set part may operate a vibrator in response to said signal, also in the case where it is in the position which the cellular phone and the user left, there is an advantage that an incoming call notice is possible, by vibration.

[Translation done.]

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TECHNICAL FIELD

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EFFECT OF THE INVENTION

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TECHNICAL PROBLEM

[Conventional technology and a problem] When a message is received in a cellular phone, a notice is performed by uttering a sound, or a cellular phone's vibrating and perceiving the vibration conventionally. For example, when performing sports, such as a pool, sea bathing, and tennis, the cellular phone is not attached to the body in many cases. Since the place which performs a sport is a public place in many cases, in such a case, it is preferred to stop the notice by a ringer tone and to operate the notice by vibration.

[0003]However, when a sound is uttered, even if it is in the position which a cellular phone and its user left, the user can know having got the telephone call to the notice sound, but when based on vibration, unless the user has attached the cellular phone to the body, there is a fault that mail arrival cannot be perceived.

[0004]This invention is made in view of an above-mentioned problem, and it aims at providing the cellular-phone incoming call notice device in which the incoming call notice by vibration is possible, also when the cellular phone and the user are separated.

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MEANS

[Means for Solving the Problem]In order to solve the above-mentioned problem, a cellular-phone incoming call notice device by this invention, It has a sending set part which detects said luminescence of a cellular phone which has a light-emitting part which emits light when a message is received, changes said detected lightwave signal into current, and transmits a signal, and said sending set part and a receiving set part manufactured by different body which make a vibrator drive in response to said signal.

[0006]By according to this invention, detecting luminescence of a light-emitting part, when a message is received, and equipping a wrist etc. with a receiving set part which vibrates a vibrator in response to a signal transmitted by sending set part which transmits a signal, for example, Also when it is in a cellular phone and a distant place, there is an advantage that mail arrival can be perceived. Unless ID information is in agreement by adding ID information to a sending signal, there is an advantage that it is able to make it not to make a vibrator drive, and it can make to cause malfunction into the minimum.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1]A side view when a cellular phone is equipped with a sending set part.

[Drawing 2]The perspective view of an example of a sending set part.

[Drawing 3]The block diagram showing the composition of a sending set part.

[Drawing 4]The perspective view of an example of a receiving set part.

[Drawing 5]The block diagram showing the composition of a receiving set part.

[Description of Notations]

- 1 Sending set part
- 11 Photo-transistor (current conversion part)
- 14 ID control circuit
- 15 Transmitting ID setting machine
- 16 Transmitting module
- 2 Receiving set part
- 21 Vibrator
- 22 Receiving module
- 23 ID comparison decision circuit
- 24 Receiving ID setting machine

[Translation done.]

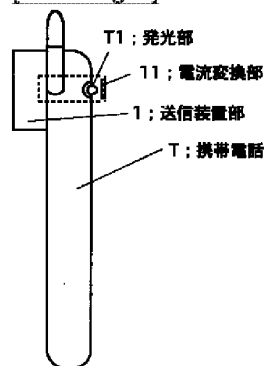
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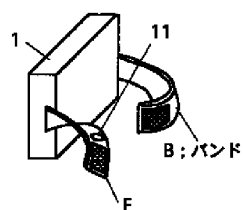
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DRAWINGS

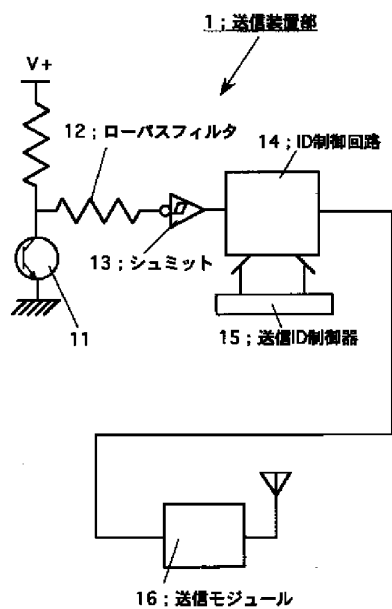
[Drawing 1]



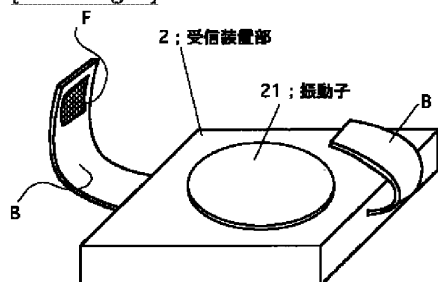
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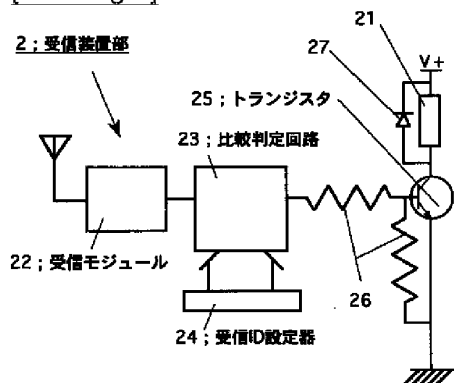
[Drawing 3]



[Drawing 4]



[Drawing 5]



[Translation done.]

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	70	70
Utility Search Fee	2111	1	300	300
Utility Examination Fee	2311	1	360	360
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				730

Electronic Acknowledgement Receipt	
EFS ID:	18116000
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	04-FEB-2014
Filing Date:	
Time Stamp:	22:52:35
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$730
RAM confirmation Number	6709
Deposit Account	503855
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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004-- SpecClaimAbsDrawOath.pdf	728930	yes	25
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	Multipart Description/PDF files in .zip description				
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	Specification		1	13	
	Claims		14	16	
	Abstract		17	17	
	Drawings-only black and white line drawings		18	22	
	Abstract		23	25	
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	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Preliminary Amendment		1	1	
	Specification		2	2	
	Claims		3	5	
	Applicant Arguments/Remarks Made in an Amendment		6	6	
Warnings:					
Information:					
3	Application Data Sheet	JDM-004CON2--ADS.pdf	168722	no	5
			e12aa3d5bc6223de1b6f70c7f6fe4b153122596a		
Warnings:					

Information:					
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4	Transmittal Letter	JDM-004CON2--IDS.pdf	60718 ed813b3ad944ca13f9041188e883bb82353a7c2f	no	4
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Form (SB08)	JDM-004CON2--IDS--PTO_SB_08A.pdf	270702 45f598d17d9381712710d19023357c21deb05f0e	no	2
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
6		10797801--ForeignReferences.pdf	1822397 dc2cc2ea2392c7a0b194bf0c65e4094eedd4970f	yes	46
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Foreign Reference		1	16	
	Foreign Reference		17	33	
	Foreign Reference		34	46	
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7	Fee Worksheet (SB06)	fee-info.pdf	32820 e88bdcd8e5eb31963d306d25f8cf6e2fe2a5733	no	2
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Total Files Size (in bytes):			3226249		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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SYSTEMS AND METHODS FOR PROVIDING REMOTE
INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

Cross-Reference to Related Application

[0001] This application claims the benefit of United
5 States Provisional Patent Application No. 60/455,218
filed March 14, 2003 which is hereby incorporated by
reference in its entirety.

Background of the Invention

10 [0002] The present invention relates to cellular
notifications. One notification in which the present
invention is particularly useful is for incoming call
notifications. Traditional incoming call notification
15 devices for cellular phones are deficient because they
exist physically on the cellular phone.

[0003] Currently, mobile phones, and devices cable
of receiving wirelessly transmitted calls, generally
have two schemes of notifying a user of incoming calls
when that user has the phone stored, for example, in a
20 user's purse. The first scheme provides signals that
may be heard by the user (e.g., ring tones or beeps).

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The second scheme provides a tactile signal (e.g., a vibration).

[0004] However, both of these signals originate physically from the cell phone and some user's do not store his/her cell phone in a location where these signals can be recognized. For example, women usually store their cell phones in a purse. Here, when a cell phone rings, the ring can be missed by the audible dampening effects of the user's purse. Additionally, a vibrating cell phone can not be physically sensed by a user if that cell phone is in a remote storage location with a tactile dampening effect (e.g., a purse).

[0005] It is therefore desirable to provide systems and methods that allow incoming calls to be recognized by a user even when the user cannot hear or sense audio signals or vibration signals (e.g., incoming call notification signals) emanating from that user's cell phone.

20 Summary of the Invention

[0006] It is an object of the present invention to provide systems and methods that allow incoming calls, or other cell phone events or notifications, to be recognized by a user even when the user cannot hear or sense audio signals or vibration signals physically emanating from the cellular phone.

[0007] In one embodiment, a user signaling device is provided at the end of an extension that is connectible to a user's cell phone. The device can detect when there is an incoming call, or other action that the user desires to be notified of (e.g., a calendar reminder), and provide a supplemental notification signal to the user. A clip, or other attaching device,

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may be included on the user signaling device so that the user may attach the signaling device in a position where that user can detect the devices incoming call notifications (e.g., on a purse strap or on a piece of clothing). Notifications can take the form of audible signals (e.g., cell phone rings), mechanical signals (e.g., vibrations, or any other type of notification signal (e.g., light pulses).

[0008] A wireless user signaling device does not need an extension. Instead, the user signaling device may be notified of incoming calls wirelessly by a notification transmitting device attached to the cellular phone. Alternatively, the user signaling device may communicate wirelessly with the cellular phone itself. The user signaling device may be set up to provide different types of signals that a user can distinguish dependant on what the cellular phone is trying to notify the user about (e.g., calendar event, incoming call, missed call, new message). A wireless user signaling device may be attached to remote areas on the user. For example, a wireless user signaling device may be attached to a user's watch, clothing, or glasses. A wireless user signaling device may be integrated into a user's glasses, contacts, or clothing.

[0009] The user signaling device may also be provided as software in a different device that the user is already in a position to receive notification signals from. For example, if the user has a beeper and a cellular phone, the user signaling software may be utilized such that the beeper vibrates whenever the cellular phone receives, for example, an incoming call signal. In another embodiment, a user's watch may

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vibrate whenever that user's cellular phone desires to contact the user and notify the user of, for example, an incoming call.

[0010] Inexpensive systems may be constructed that
5 may still offer a great utility to a user. For
example, one notification device may consist of only a
light emitting device (e.g., an LED) and related
circuitry. An extension may connect the device to a
cellular phone. Such a device, and similar devices
10 that only consist of a few (e.g., one or two) types of
notification with little other functionality may
provide a very inexpensive, but desired, function to a
user.

[0011] Another type of routing communications from a
15 cellular phone is an autonomous recognition of a
cellular phone notification. Although such a scheme
may be difficult for a remote notification device that
forwards multiple types of notifications, such a scheme
may be very useful for routing a small number of
20 notifications to a user. For example, a vibrational
sensor may be coupled to a remote notification device
via an extension. Such a sensor may be attached (e.g.,
velcroed) to a cellular phone such that when the phone
vibrates (or vibrates in a certain manner) the remote
25 notification device produces a notification signal
(e.g., the device emits light, sound, or tactile
signal). Some cellular phones vibrate differently for
different alerts. For example, a cellular phone may
vibrate multiple times for an incoming call but only
30 once for a calendar event. Such a vibrational sensor
may be coupled to control circuitry that may, for
example, distinguish such alerts and provide a

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different type of remote alert to a user (e.g.,
different colors of light may be emitted).

5 Brief Description of the Drawings

 [0012] The principles and advantages of the present
invention can be more clearly understood from the
following detailed description considered in
conjunction with the following drawings, in which the
10 same reference numerals denote the same structural
elements throughout, and in which:

 [0013] FIG. 1 is an illustration of a non-wireless
remote cell phone notification device and cell phone
constructed in accordance with the principles of the
15 present invention;

 [0014] FIG. 2 is an illustration of a wireless
remote cell phone notification device and cell phone
constructed in accordance with the principles of the
present invention;

20 [0015] FIG. 3 is an illustration of an autonomous
remote cell phone notification device and cell phone
constructed in accordance with the principles of the
present invention;

 [0016] FIG. 4 is an illustration of a remote cell
25 phone notification device topology constructed in
accordance with the principles of the present
invention; and

 [0017] FIG. 5 is an illustration of a process flow
chart of a remote notification device constructed in
30 accordance with the principles of the present
invention.

Detailed Description of the Invention

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[0018] FIG. 1 depicts environment 100 that includes cell phone 101 and remote notification device 130. Cell phone 101 includes communication device 112. Remote notification device 130 includes communication
5 device 111. Generally, remote notification device 130 responds to signals from communication device 112 and alerts a user of a cell phone activity or event. For example, remote notification device 130 may alert a user when cell phone 101 receives an incoming call, a
10 calendar notification occurs, a reminder occurs, a missed call occurs, a new voice or text message is received, or any other cell phone activity.

[0019] Communication devices 112 may be, for example, the headset (e.g. headphone) output,
15 input/output connection, speaker, or vibrational output of cell phone 101. For cellular phones that produce a ring in a headset when an incoming call is received, the headset output may provide a universal way for remote notification device 130 to communicate with cell
20 phone 101. In other words, each cell phone model, or the cell phones of a particular carrier, may have different types of input/output contacts. If, for example, the headphone jack is utilized as communication device 112, remote notification device
25 130 may not need to be reconfigured with a different communication device 111 for different cell phone models.

[0020] In this manner, communication device 112 may be the speaker or vibration device of cellular phone
30 101. Thus, communications device 111 may detect the audible signals or vibrations that emanate from cell phone 101. Furthermore, utilizing the input/output communication contacts of cell phone 101 as

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communication device 112 allows for remote notification device 130 to not only receive communication signals from cell phone 101 but also allows remote notification device 130 to send communication signals to cell phone 101 (e.g. a signal to pick up the phone, voice signals to talk via cell phone 101).

[0021] The microphone jack may also be connected to remote notification device 130 such that remote notification device may be utilized to receive voice signals from the headphone jack of cell phone 101 and provide voice signals to the microphone jack of cell phone 101. In this manner, a user can recognize an incoming call, communicate to, for example, cell phone 101 that he/she wishes to have a conversation, and send/receive voice signals through remote communication device 130.

[0022] Remote communication device 130 may include battery 136 or may be powered from the power supply of cell phone 101. Remote communication device 130 may also include attaching device 131 which may be, for example, a clip, belt, band, chain, or any other attaching, securing, bonding, or affixing device. Remote notification device 130 may signal a user of a cell phone action (e.g., incoming call) through, for example, light emitting device 134, speaker 132, vibrating device 135, and/or any other device that a user can recognize a signal from.

[0023] FIG. 2 depicts environment 200 that includes cell phone 201 and remote notification device 230. Remote notification device 230 includes wireless communications device 231 that can communicate with a wireless communications device located on cell phone 201. Communications device 211 may also be connected

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to cell phone 201 and may be utilized to transmit/receive signals wirelessly to/from remote notification device 230 through communications port 212. Communications device 211 may interface with cell
5 phone 201 at cell phone communications port 212, or have any function or attribute, similar to the interfacing of, functionality, or attributes included in communications device 111 of FIG. 1 can interface with cell phone 101 of FIG. 1.

10 [0024] In simple embodiments, communications device 211 (or cell phone 201) only sends communications signals to remote notification device 230. As a result communications device 211 (if needed) and communications device 231 can be manufactured for a
15 small cost.

[0025] Remote notification device 230 may be embedded into a device that is commonly used by users (e.g., a watch, glasses, clothing) and may attach to a user by a variety of devices (e.g., bands 237 and
20 buckle 239). Additionally, the functionality of remote notification device 230 may be embedded into a device that is commonly utilized by users. For example, if a user's watch has a wireless communications device, software may be included in the watch to provide a
25 functionality similar to remote notification device 230.

[0026] Persons skilled in the art will appreciate that remote notification device 230 of FIG. 2 and remote notification device 130 of FIG. 1 is not limited
30 to use with cell phones. Such a remote notification device can provide remote user signaling for other devices such as, for example, PDA's, laptops, beepers, non-wireless phones, radios, and GPS enhanced devices.

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[0027] An amplifier may also be provided in remote notification devices. Such an amplifier would allow for stronger notifications to be transmitted to a user. For example, if a notification of an incoming call is provided as a ring or beep from a remote notification device, an amplifier can increase the strength of the ring/beep.

[0028] Turning now to FIG. 3, system 300 is illustrated that includes autonomous notification sensing device 350 attached to cellular phone 301. Autonomous device 350 may be affixed to cellular phone 301 by, for example, a glue or a tape. In this manner, autonomous device 350 may be sold with a covered piece of glue or tape such that a user may affix device 350 to their cellular phone 300. Alternatively, device 350 may be attached to cellular phone 300 by, for example, velcro, clip, or other fastening device. In this manner, a user may attach device 350 to cellular phone 300 when the user is remotely located from cellular phone 300 (e.g., cellular phone 300 is in the user's purse or is in another room).

[0029] Extension 321 may be included to electrically couple notification device 330 to autonomous device 350. Extension 321 may be provided in a variety of lengths. In one embodiment, extension 321 is between roughly a foot and five feet long such that a user may easily attach notification device 350 to the outside of a purse. Extension 321, however, may be of any size. For example, extension 321 may be 50 feet long such that a cell phone placed in a charger may have incoming call notifications forwarded to a different room. In this manner, autonomous sensing device 350, or any type of sensing device, may be included on a cell phone

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charger. Extension 321 may be connectable to autonomous device 350 and/or notification device 330. For example, female connection port 351 may be included on autonomous device 350 that may be operable to
5 receive a male connection port (not shown) located on extension 321. Instead of extension 321, communication between autonomous device 350 and notification device 330 may occur wirelessly (e.g., infrared, WiFi, bluetooth, etc.). Such a communication may be one-way
10 (e.g., from autonomous device 350 to notification device 330) or two-way (e.g., to turn autonomous device 350 OFF). Persons skilled in the art will appreciate that autonomous device 350 may also electrically couple with cellular phone 300 and communicate with it.
15 Autonomous device 350, however, has a general benefit of being able to recognize alerts (e.g., incoming call alerts) from any model/make of cellular phone with a particular notification method like, for example, a vibrating mode.
20 **[0030]** Autonomous device 350 may sense an incoming call (or other alert) in a variety of ways. For example, autonomous device 350 may include vibration sensor 352 to determine when cellular phone 300 vibrates. Such vibration sensors are widely known and
25 may be, for example, in a piezoelectric-based or a mechanical, ball-in-tube-based configuration. Control circuitry to determine when a cellular phone vibration occurs may be included and may be located in either autonomous device 350 or notification device 330. Such
30 control circuitry may, for example, be able to distinguish ambient motion (e.g., the soft-motion of somebody walking or a single hard-motion of a purse hitting a counter-top) from a vibrating cell-phone

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motion (e.g., a high-frequency, hard, repetitious motion). Such control circuitry may be configured for use with a particular phone and may have inputs that allow a user to adjust the sensitivity/operation of
5 either device 350 or 330.

[0031] Light sensor 353 may be included in autonomous device 350 any may, for example, determine when light emanates from display 398 or light-emitting notification 397. In this manner, autonomous device
10 350 may be attached over either display 398 or light-emitting device 397 in order to determine when an alert occurs. Control circuitry may similarly be included to determine when such an event occurs and may be utilized to distinguish different events (e.g., when a cellular
15 phone vibrates in different manners or emits light in different manners depending on the type of alert). Other types of autonomous sensors may also be utilized. For example, sound sensor 354 may be included to determine when an alert occurs.

20 [0032] Autonomous sensing device 350, or any sensing device herein, may also be provided in a battery (e.g., a rechargeable battery) for cellular/mobile phone 300. For example, some batteries include a vibrating means that produces vibrations when, for example, an incoming
25 call occurs. A sensing device may, in this manner, be utilized in a cell phone battery to route a signal indicative of the incoming call (or alert) to a remote notification device or sense a notification signal in the battery (e.g., the vibrating of the battery). Such
30 a device could also be electrically coupled between all of, or a portion of, the communication path between the cellular battery and cellular phone 300.

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[0033] Notification device 330 may be similar to any notification device described in connection with, for example, system 100 of FIG. 1 or system 200 of FIG. 2. For inexpensive embodiments, notification device 330
5 may include a single way to notify the user of alerts (e.g., an incoming call, calendar event, location-based alerts). In this manner, notification device 330 may include, for example, a light-emitting device that emits light of one or more colors. Attachment
10 device 331 may also be included such that device 330 may be attached to a variety of structures.

[0034] Next is FIG. 4 where topology 400 is shown. Topology 400 included sensing device 401 and notification device 450 that may be communicate to each
15 other via communications channel 499. Any component of a notification device 450 may be included in sensing device 401. Similarly, any component of sensing device may be included in notification device 450. Alternatively, components of a cellular phone may be
20 included in either sensing device 401 or notification device 450.

[0035] Sensing device 401 may include, for example, one or more connecting ports 402 and/or 403, tactile sensor 404, light sensor 405, sound sensor 406, control
25 circuitry 407, and battery 408. Notification device may include, for example, one or more output devices 460, additional circuitry 470, and sources of electrical energy 480 (e.g., one or more batteries). Output devices 460 may include, for example, display
30 461, vibrator 464, heater/cooler 465, speaker 462, or light-emitting device 461 (e.g., an LED or other device that emits light). Additional circuitry 470 may include, for example, control circuitry 471, user-input

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devices 472 (e.g., an ON/OFF and/or volume switch) and memory 473.

[0036] Process flow chart 500 is depicted in FIG. 5 and may be utilized in a variety of alert sensing, routing, and notification systems. Process 500 starts at step 501 and moves to step 510, in which the process is idle until an alert is sensed. When an alert is sensed step 520 is initiated that routes the alert (e.g., that an alert occurred or that a type of alert occurred), or a signal indicative of an alert/type of alert to step 530. At step 530, the user is notified that an alert, or a type of alert, occurred. Process 599 then ends at step 599. Person skilled in the art will appreciate that many variations of process 500 may be utilized. For example, a step of determining the type of alert may be utilized. Alternatively, a step of accepting user input and configuring the system based on that user input may be utilized.

[0037] Persons skilled in the art will also appreciate that the present invention is not limited to only the embodiments described. Instead, the present invention more generally involves providing a non-cell phone based notification to a user of a cell phone activity or event (e.g., an incoming call). Persons skilled in the art will also appreciate that the apparatus of the present invention may be implemented using other control methods, notification techniques, attachment components, remote hosting devices (e.g., watch), and configurations. For example, blue tooth communication devices maybe used as the wireless communications devices. All such modifications are within the scope of the present invention, which is limited only by the claims that follow.

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What is Claimed is:

1. A system for use with a cellular phone that provides notification of an incoming call, said system comprising:

5 a sensing device that is operable to be attached to said cellular phone that provides communication signals indicative of an incoming call; and

10 a remote communication device configured to receive said communication signals, wherein said communication device is configured to provide notification signals to a user dependent upon said received communication signals.

2. The system of claim 1 wherein said remote communication device includes an amplifier and a speaker, wherein said notification signals are audible notifications.

3. The system of claim 1 wherein said remote communication device includes a vibrating device and a source of electrical energy, wherein said notification signals are vibrational notifications.

4. The system of claim 1 wherein said remote communication device includes a light emitting device and a source of electrical energy, wherein said notification signals are light-emitted notifications.

5. The system of claim 1 wherein said remote communication device includes a display device and a source of electrical energy, wherein said notification signals are text notifications.

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6. The system of claim 1 wherein said sensing device is an autonomous sensing device.

7. The system of claim 1 wherein said sensing device directly communicates with said cellular phone to determine when said incoming call occurs.

8. The system of claim 1 wherein said sensing device and said remote communication device wirelessly communicate.

9. The system of claim 8 wherein said wireless communication is a one-way communication from said sensing device to said remote communication device.

10. The system of claim 8 wherein said wireless communication is a two-way communication between said sensing device and said remote communication device.

11. The system of claim 1 wherein said sensing device and said remote communication device communicate through an wire-based extension.

12. The system of claim 11 wherein said wire-based communication is a one-way communication from said sensing device to said remote communication device.

13. The system of claim 11 wherein said wire-based communication is a two-way communication between said sensing device and said remote communication device.

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14. A system for use with a cellular phone that provides notification of an incoming call, said system comprising:

5 a sensing device that is operable to be attached to said cellular phone that provides communication signals indicative of an incoming call; and

10 a remote communication device configured to receive said communication signals, wherein said communication device is configured to provide notification signals that are only light-based and said notification signals are dependent upon said received communication signals.

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SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL
NOTIFICATION FOR CELLULAR PHONES

Abstract of the Disclosure

The present invention provides a remote
5 notification to a user of a cellular, or mobile, phone
as the result of a particular activity or any activity
at all (e.g., an incoming call from a particular
person, group, or just an incoming call). In one
embodiment, a sensing device is provided on the
10 cellular phone that communicates/routes an alert to a
remote notification device. In one economical
embodiment, the notification device may have a short
wire-based communication channel (e.g., roughly 1 foot
to 5 feet) and only have a single output device (e.g.,
15 a light-emitting device). Thus, a woman may be able to
quietly receive notifications of a cell phone event
when her cell phone is stored in her purse.

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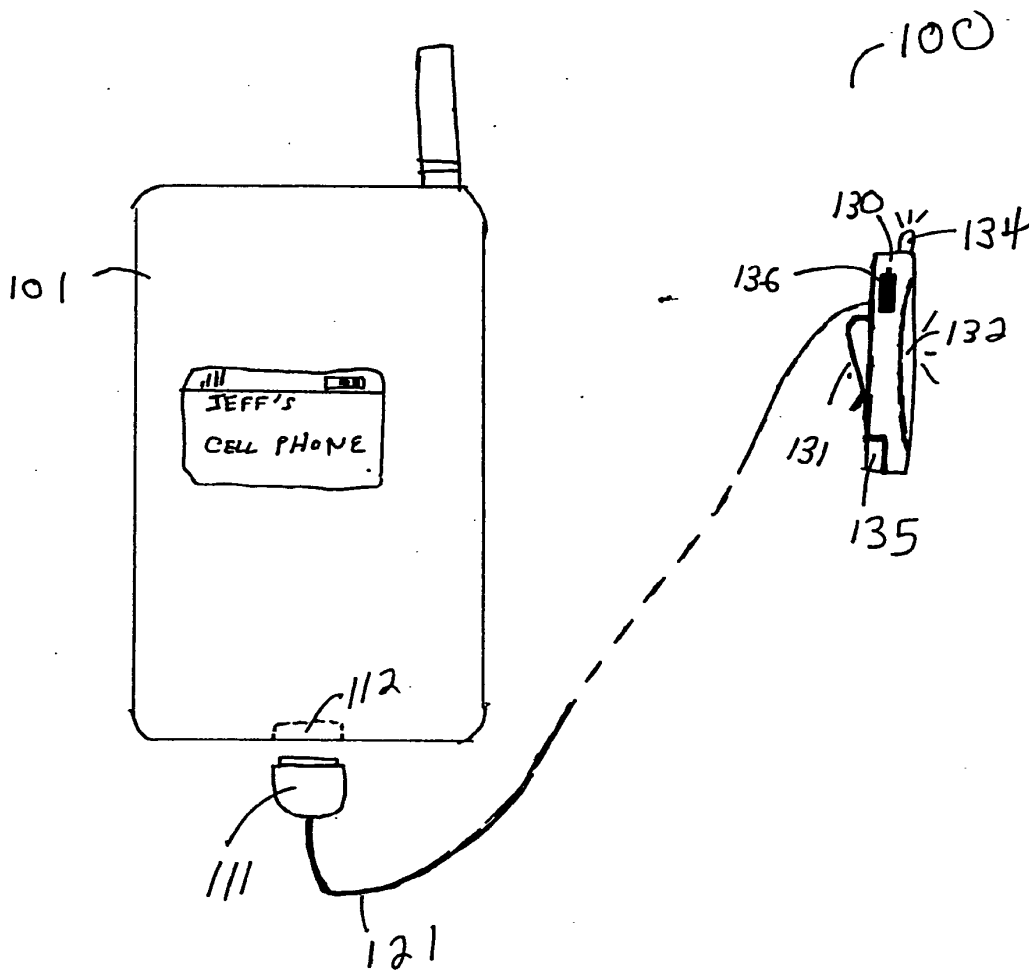


FIG. 1

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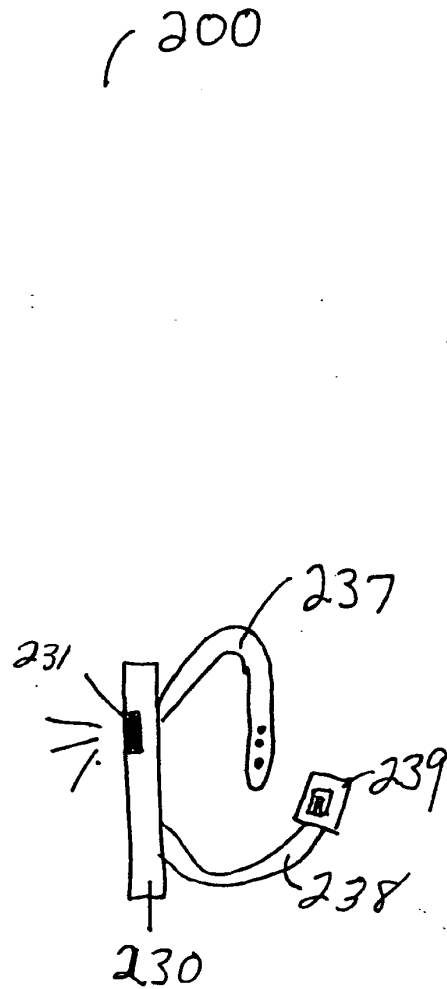
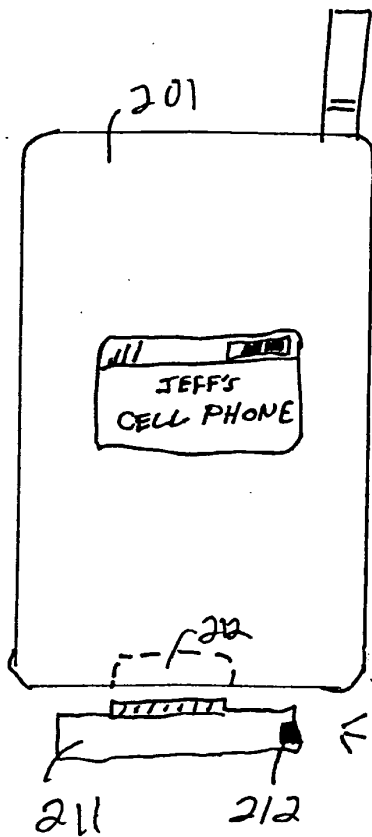


FIG. 2

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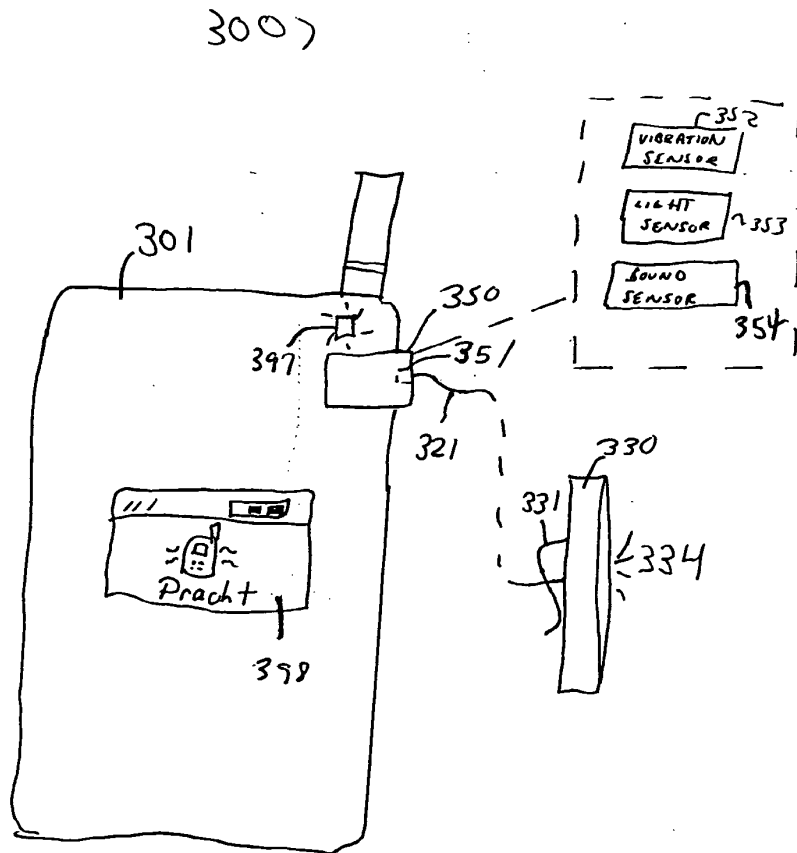


FIG. 3

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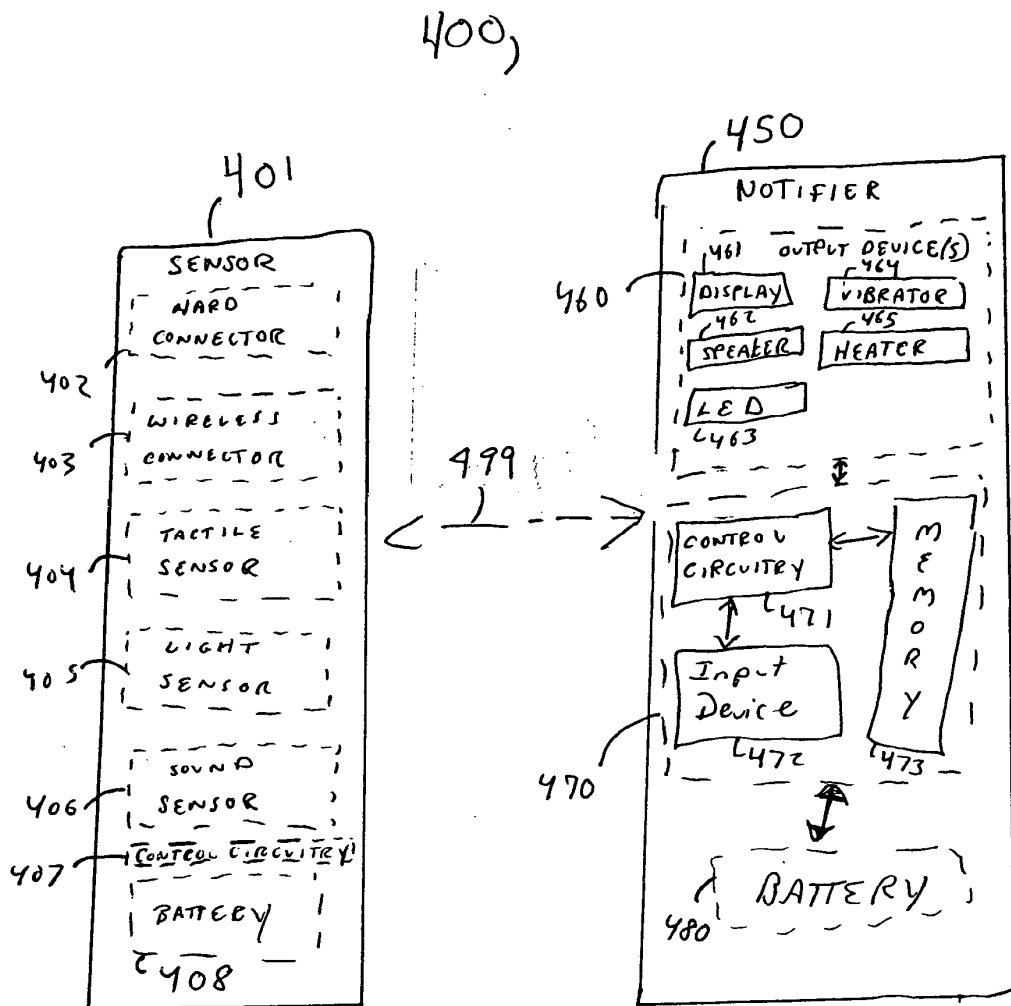


FIG. 4

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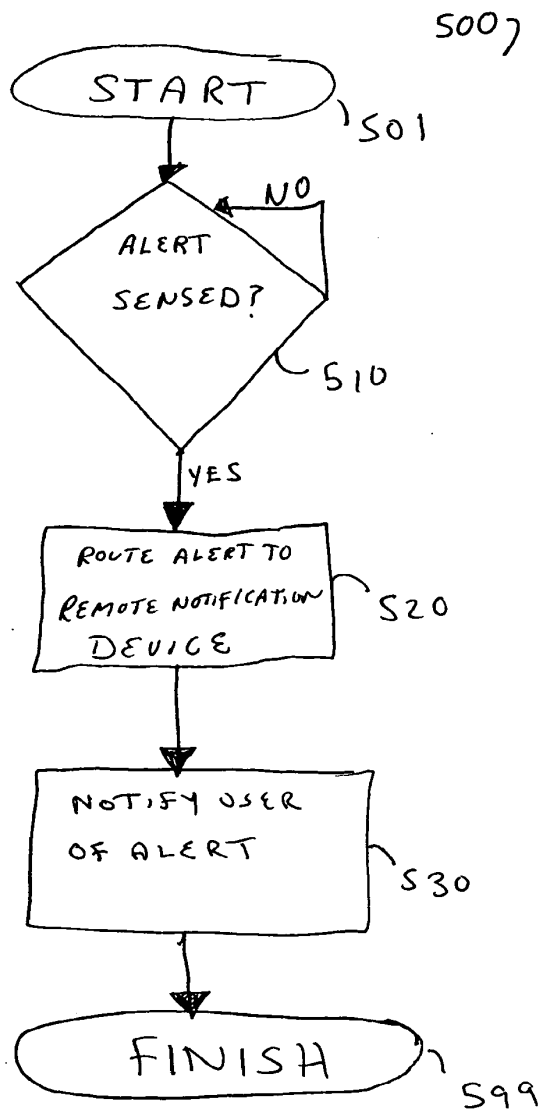


FIG. 5

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DECLARATION

I, Jeffrey D. Mullen, declare that I am a citizen of the United States of America, respectively residing at and having post office addresses at 1 Mercer Court, Scarsdale, New York 10583; and

that I verily believe myself to be the original and first inventor of the invention or discovery in:

SYSTEMS AND METHODS FOR PROVIDING REMOTE
INCOMING CELL NOTIFICATION FOR CELLULAR PHONES

which is described and claimed in the attached specification, and for which a patent is sought;

that I have reviewed and do understand the content of said specification, including the claims, and acknowledge my duty to disclose to the United States Patent and Trademark Office information known by myself to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

that I do not know and do not believe that this invention or discovery was ever known or used in the United States of America before my invention or discovery thereof, or patented or described in any printed publication in any country before my invention or discovery thereof, or more than one year prior to this application; or in public use or on sale in the United States of America more than one year prior to this application; that this invention or discovery has not been patented or made the subject of an inventor's certificate issued before the date of this application in

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any country foreign to the United States of America on an application filed by myself or my legal representatives or assigns more than twelve months prior to this application; and that no application for patent or inventor's certificate on this invention or discovery has been filed in any country foreign to the United States of America by myself or my legal representatives or assigns;

I hereby claim the benefit under Title 35, United States Code § 119(e) to the United States provisional application listed below.

60/455,218
(Application Serial No.)

March 14, 2003
(Filing Date)

and I request that communications be sent to:

Jeffrey D. Mullen
1 Mercer Court
Scarsdale, New York 10583

and that telephone calls be directed to:

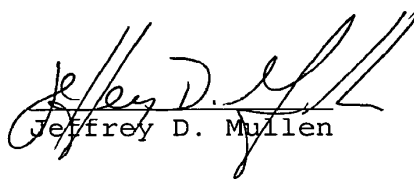
Jeffrey D. Mullen
(914) 837-7741

Wherefore, I pray that Letters Patent be granted to myself for the invention or discovery described and claimed in the attached specification and claims, and I hereby subscribe my name to the foregoing specification, claims, and declaration.

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I declare, further, that I understand the English language and that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

3/9/04
Date


Jeffrey D. Mullen

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/172,884	02/04/2014	2833	730	JDM/004 CON2	16	1

CONFIRMATION NO. 8936

32733
JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

FILING RECEIPT



OC000000066704176

Date Mailed: 02/21/2014

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Jeffrey David Mullen, Pittsburgh, PA;

Applicant(s)

Jeffrey David Mullen, Pittsburgh, PA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 13/453,659 04/23/2012
which is a CON of 10/797,801 03/09/2004 PAT 8165640
which claims benefit of 60/455,218 03/14/2003

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

If Required, Foreign Filing License Granted: 02/19/2014

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/172,884**

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

Preliminary Class

368

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2

CONFIRMATION NO. 8936

32733
JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

FORMALITIES LETTER



Date Mailed: 02/21/2014

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 2-4.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

Items Required To Avoid Processing Delays:

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

A new inventor's oath or declaration that identifies this application (e.g., by Application Number and filing date) is required. The inventor's oath or declaration does not comply with 37 CFR 1.63 in that it:

- does not state that the above-identified application was made or authorized to be made by the person executing the oath or declaration.
Jeffrey David Mullen

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice".
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/wtsige/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 14/172,884				
APPLICATION AS FILED - PART I										
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	70		N/A				
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	300		N/A				
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	360		N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	16	minus 20 = *	x 40 =	0.00	OR					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 = *	x 210 =	0.00						
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00						
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	730		TOTAL				
APPLICATION AS AMENDED - PART II										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.										

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APPLICATION NUMBER	FILED/GR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2

CONFIRMATION NO. 8936

32733

JEFFREY D. MULLEN

1310 Riverfront Drive

PITTSBURGH, PA 15238

FORMALITIES LETTER



00000005704177

Date Mailed: 02/21/2014

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 2-4.

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A new inventor's oath or declaration that identifies this application (e.g., by Application Number and filing date) is required. The inventor's oath or declaration does not comply with 37 CFR 1.63 in that it:

- does not state that the above-identified application was made or authorized to be made by the person executing the oath or declaration.

Jeffrey David Mullen

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

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Mail Stop Missing Parts
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Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice".
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/wtsig/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2833
Examiner : Not Yet Assigned
Mail Stop Missing Parts
Hon. Commissioner for Patents
P.O. Box 1450 Pittsburgh, PA 15238
Alexandria, VA 22313-1450 August 21, 2014

REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Sir:

This is in response to the Notice to File Corrected Application Papers dated February 21, 2014. A four-month extension of time is applicable hereto and is being submitted herewith. This response, along with all required items and any required fees, is being filed during the two-month time period given for reply.

Remarks/Arguments begin on page 2 of this paper.

REMARKS/ARGUMENTS

Responsive to the Notice to File Corrected Application Papers mailed February 21, 2014, Applicant hereby submits the following:

1. A copy of the February 21, 2014, Notice to File Corrected Application Papers; and
2. The sheets, which include Replacement Sheet 1-5 and show FIGS. 1-5, replace the original sheets, which include sheets 1-5 and show FIGS. 1-5. No new subject matter has been added.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Prompt allowance of this application is respectfully requested.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees associated with this filing, or credit any overpayments thereon, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/

Jeffrey D. Mullen

Applicant (Reg. No. 52,056)

Customer No. 32733

1310 Riverfront Drive

Pittsburgh, PA 15238

Tel.: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 4 months with \$0 paid	2254	1	1100	1100

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				1100

Electronic Acknowledgement Receipt	
EFS ID:	19922218
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	21-AUG-2014
Filing Date:	04-FEB-2014
Time Stamp:	05:59:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1100
RAM confirmation Number	9207
Deposit Account	503855
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Drawings-only black and white line drawings	JDM-004CON2--FIGS--REPLACEMENT.pdf	919892	no	5
			2ebd06e939c383bd458874e3b80588270a648137		

Warnings:

Information:

2	Miscellaneous Incoming Letter	JDM-004CON2--NTFCAP.pdf	331675	no	2
			99ed6bb87c6db83d04d34b40d91001a71c659925		

Warnings:

Information:

3	Transmittal Letter	JDM-004CON2--ResponseToNoticeToFileCorrectedApplicationPapers.pdf	133621	no	3
			060f04386d5c8bd1f3468f07341112ec9fc40700		

Warnings:

Information:

4	Fee Worksheet (SB06)	fee-info.pdf	30205	no	2
			9a1b13c51d86b2cde464e6b65df14d1767ea070e		

Warnings:

Information:

Total Files Size (in bytes):

1415393

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

REPLACEMENT SHEET

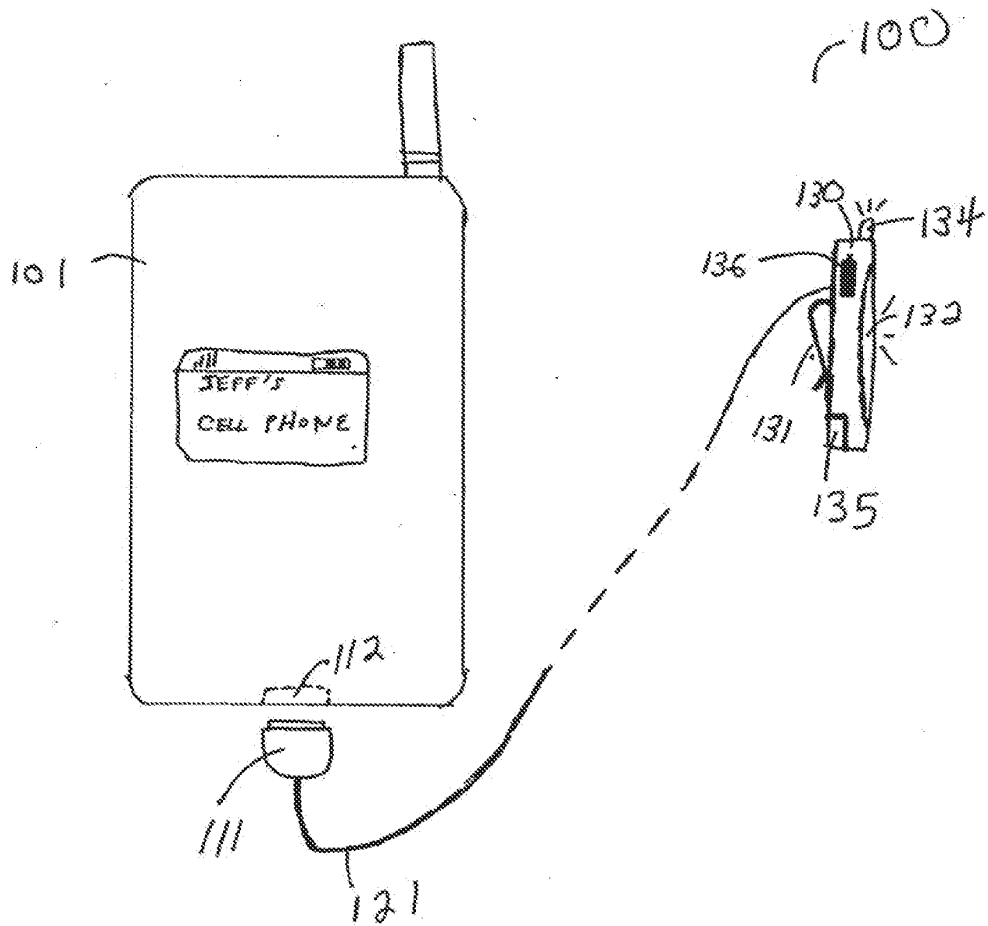


FIG. 1

REPLACEMENT SHEET

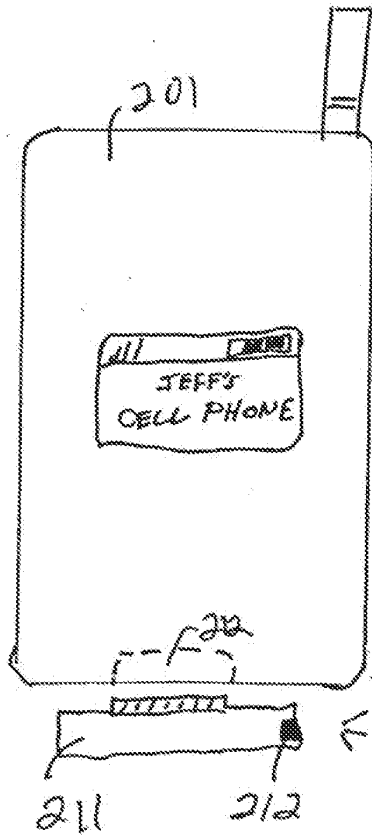
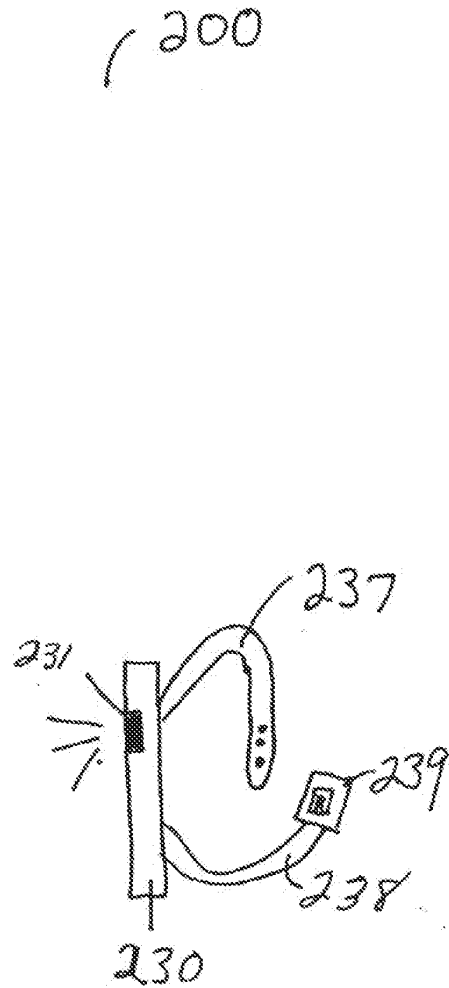


FIG. 2



REPLACEMENT SHEET

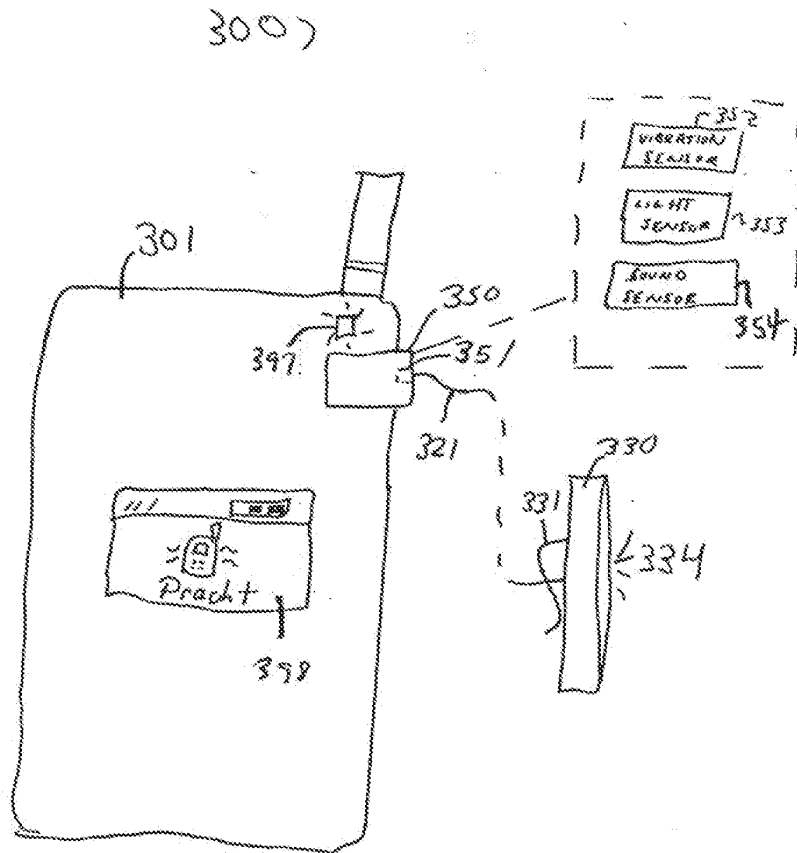


FIG. 3

REPLACEMENT SHEET

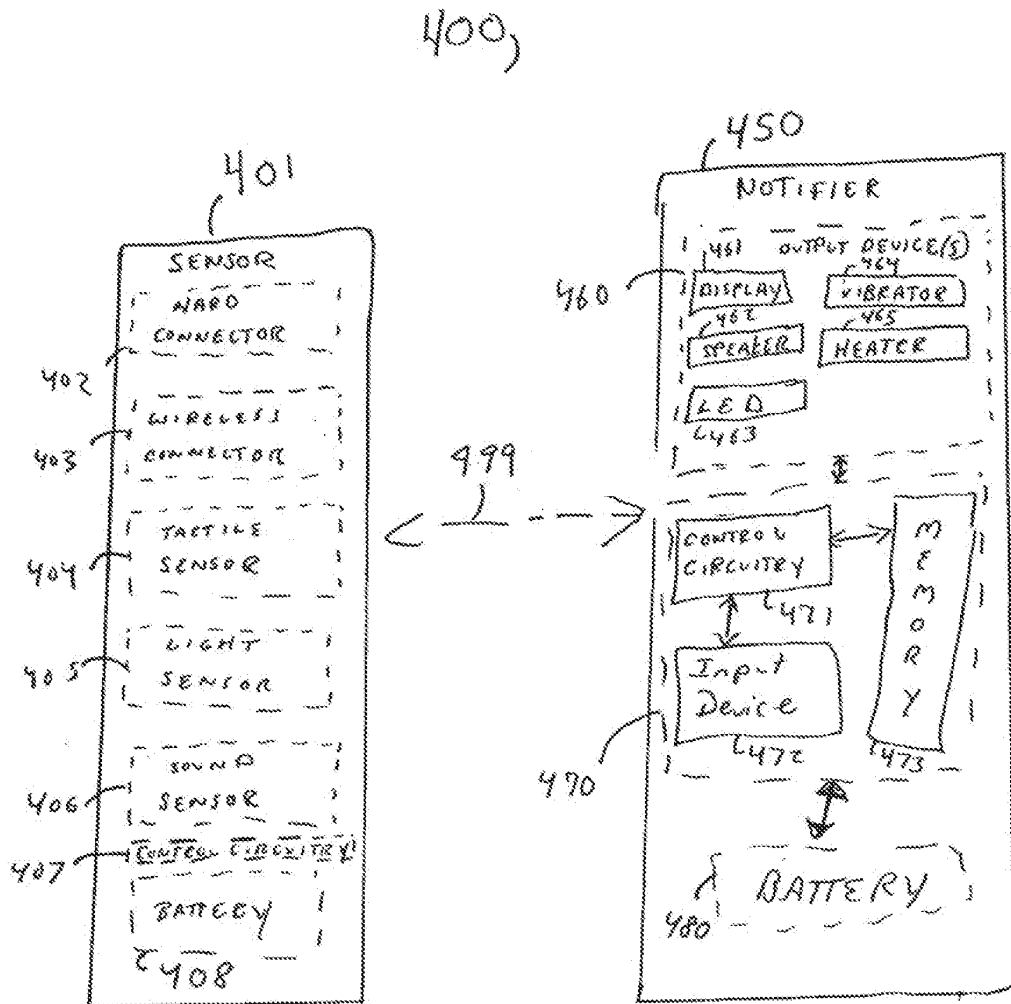


FIG. 4

REPLACEMENT SHEET

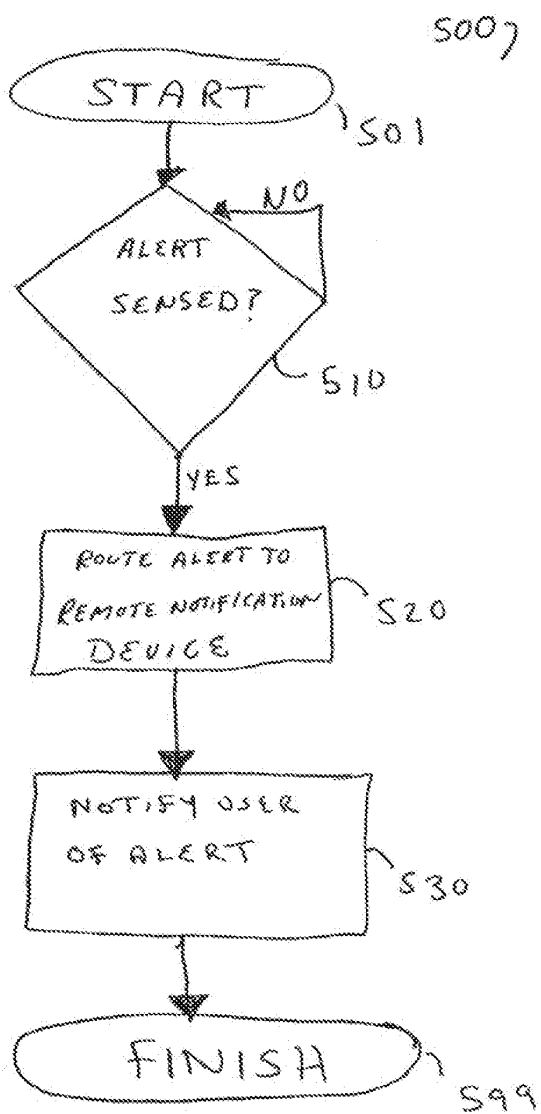


FIG. 5



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2

CONFIRMATION NO. 8936

32733
JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

NOTICE



Date Mailed: 08/22/2014

INFORMATIONAL NOTICE TO APPLICANT

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

A new inventor's oath or declaration that identifies this application (e.g., by Application Number and filing date) is required. The inventor's oath or declaration does not comply with 37 CFR 1.63 in that it:

- does not state that the above-identified application was made or authorized to be made by the person executing the oath or declaration.

Jeffrey David Mullen

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 14/172,884	
APPLICATION AS FILED - PART I							
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	70		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	300		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	360		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	16	minus 20 = *	x 40 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 = *	x 210 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
			TOTAL	730		TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2.							
APPLICATION AS AMENDED - PART II							
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		OTHER THAN SMALL ENTITY
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		RATE(\$)
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		ADDITIONAL FEE(\$)
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
			TOTAL ADD'L FEE			OR	TOTAL ADD'L FEE
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.							
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		OTHER THAN SMALL ENTITY
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		RATE(\$)
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		ADDITIONAL FEE(\$)
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
			TOTAL ADD'L FEE			OR	TOTAL ADD'L FEE



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/172,884	02/04/2014	2833	730	JDM/004 CON2	16	1

CONFIRMATION NO. 8936

UPDATED FILING RECEIPT



OC000000070352313

32733
JEFFREY D. MULLEN
1310 Riverfront Drive
PITTSBURGH, PA 15238

Date Mailed: 08/22/2014

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Jeffrey David Mullen, Pittsburgh, PA;

Applicant(s)

Jeffrey David Mullen, Pittsburgh, PA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 13/453,659 04/23/2012 PAT 8682398
which is a CON of 10/797,801 03/09/2004 PAT 8165640
which claims benefit of 60/455,218 03/14/2003

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

If Required, Foreign Filing License Granted: 02/19/2014

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/172,884**

Projected Publication Date: 12/04/2014

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

Preliminary Class

368

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2

CONFIRMATION NO. 8936

32733
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

PUBLICATION NOTICE



Title:SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

Publication No.US-2014-0357317-A1

Publication Date:12/04/2014

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	04/01/2015	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2656	
			MAIL DATE	DELIVERY MODE
			04/01/2015	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 2-4-14.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 15-30 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 15-30 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date 2-4-14.
- 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 4) ☐ Other: ____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of pre-AIA 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 2-3 are rejected under 35 U.S.C. 112(a) or 35 U.S.C. 112 (pre-AIA), first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Claims 2-3 recite: "second watch band". Applicant's specification does not disclose this limitation.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 15, 17, 19, 21, 23, 25, 27 are rejected under 35 U.S.C 102(e) as being anticipated by Chihara et al. (US 2002/0068600A1, hereinafter Chihara).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Regarding claims 17, 19, 21, 23, 25, 27, Chihara further teaches: further comprises a buckle (not shown, figs. 4, 8) further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

Claim Rejections - 35 USC § 103

6. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 16 and 18 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hashimoto (US PAT: 5,787,554).

Chihara differs from claims 16, 18 in that he does not specifically disclose: further comprising: a second watch band, and a buckle, wherein the buckle is to the second watch band.

However, Hashimoto teaches the following: further comprising: a second watch band (2, fig. 1), and a buckle, wherein the buckle (6, fig. 1) is coupled to the second watch band (fig. 1, col. 4, line 60 – col. 5, line 6).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Hashimoto.

8. Claims 20, 22, 24, 26, are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Kita (US PAT: 5.960,367).

Chihara differs from claims 20, 22, 24, in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

Chihara differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

9. Claims 28-29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Bodely (US 2004/0137967A1).

Chihara differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

10. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

Chihara differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

Application/Control Number: 14/172,884
Art Unit: 2656

Page 8

Notice of References Cited	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0068600	06-2002	Chihara et al.	455/550
*	B	US-5,787,554	08-1998	Hashimoto, Norio	24/68J
*	C	US-5,960,367	09-1999	Kita, Kazunori	455/567
*	D	US-2004/0137967	07-2004	Bodley, Martin R.	455/575.2
*	E	US-6,906,701	06-2005	Oueslati et al.	345/170
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/459,059 14/172884	
				Filing Date	April 23, 2012	
				First Named Inventor	Jeffrey D. Mullen	
				Art Unit	2656	
				Examiner Name	Melur Ramakrishnaiah	
Attorney Docket Number	JDM/004 CON2					
Sheet	1	of	1			

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,752,203	05-1998	Yamashita, Koji	
		6,216,017	04-2001	Lee et al.	
		6,226,536	05-2001	Miyashita, Tsutomu	
		6,263,218	07-2001	Kita Kazunori	
		6,160,489	12-2000	Perry et al.	
		6,249,222	06-2001	Gehlot, Narayan Lal	
		6,697,647	02-2004	Higuchi et al.	
		6,978,164	12-2005	Vicendese, Frank	
		2003/0176205	09-2003	Oota et al.	
		2003/0040286	02-2003	Walter, Terry	
		2004/0058647	03-2004	Zhang et al.	
		2002/0115478	08-2002	Fujisawa et al.	
		2002/0115478	08-2002	Fujisawa et al.	

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		JP10-155012	06-1998	Tamami		
		JP2001352378A	12-2001	Toyoshima, Teruhisa		
		JP2001086202A	03-2001	Togawa, Seiji		

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	/Melur Ramakrishnaiah/	Date Considered	10/01/2014

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	~~43/453,659~~ 14/172884	
				Filing Date	April 23, 2012	
				First Named Inventor	Jeffrey D. Mullen	
				Art Unit	2656	
				Examiner Name	Melur Ramakrishnaiah	
Attorney Docket Number	JDM/004 CON2					
Sheet	2	of	1			

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	/Melur Ramakrishnaiah/	Date Considered	10/01/2014

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MR/

WEST Search History for Application 14172884

Creation Date: 2014091318:14

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	OR	YES		09-13-2014

Search Notes 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

<i>Index of Claims</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant											☐ CPA											☐ T.D.											☐ R.1.47										
CLAIM			DATE																																								
Final	Original	10/01/2014																																									
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	2	-																																									
	3	-																																									
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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☐ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and Acknowledged ☐ Yes ☐ No Examiner's Signature _____		☐ Met after Allowance Initials _____	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 1310 Riverfront Drive PITTSBURGH, PA 15238 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : HEREWITH
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15232
P.O. Box 1450 October 1, 2015
Alexandria, VA 22313-1450

RESPONSE

Sir:

In response to the Office Action dated April 1, 2015, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (currently amended) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 2-3 under 35 U.S.C. 112 as fail to comply with the enablement requirement.

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 102(e) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara").

The Examiner rejected claims 16 and 18 under 35 U.S.C. 103(a) as being unpatentable under Chihara in view of Hashimoto U.S. Patent No. 5,787,554 (hereinafter "Hashimoto").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Chihara").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Applicant has amended claim 1 without prejudice and solely in order to expedite prosecution.

Applicant has cancelled claims 16-18 without prejudice and solely in order to expedite prosecution.

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the Rejections under 35 U.S.C. 112

The Examiner rejected claims 2-3 under 35 U.S.C. 112 as fail to comply with the enablement requirement.

The Examiner noted that claims recite a "second watch band" (Office Action, page 2).

Applicant's specification has numerous examples of a second watch band. For example, applicant's turns the Examiner's attention to FIG. 2 and the associated specification.

In light of the foregoing, applicant respectfully requests that the Examiner's rejection be withdrawn.

Applicant's Response to the 35 U.S.C. 102(e) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 102(e) as being anticipated by Chihara.

Applicant has amended claim 15 to include a second watch band and a buckle, wherein said buckle is coupled to said second watch band.

Chihara does not show or suggest a feature. Additionally, Hashimoto is irrelevant as Hashimoto does not show or suggest a watch with a remote communication device. Applicant's inclusion of a low technology buckle with bands coupled with a high technology watch generates a whimsical and festive nature of the device - an element that creates

a whimsical and festive nature is bone fide patentable. As shown above, the low technology of Hasimoto teaches directly away from the high technology of Chihara and combining the two would merely eviscerate the spirit of the individual devices.

Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 102(e) as being anticipated by Chihara. The Examiner rejected claims 16 and 18 under 35 U.S.C. 103(a) as being unpatentable under Chihara in view of Hashimoto. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Kita. The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt	
EFS ID:	23671324
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	01-OCT-2015
Filing Date:	04-FEB-2014
Time Stamp:	22:10:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$700
RAM confirmation Number	7569
Deposit Account	503855
Authorized User	MULLEN, JEFFREY D.
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004CON2--Reply.pdf	147381 efe5ca34ce335a8b8ac9253099a8a943558b9e4b	yes	8

Multipart Description/PDF files in .zip description				
Document Description		Start	End	
Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
Claims		2	4	
Amendment/Req. Reconsideration-After Non-Final Reject		5	8	

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30663 60ebee3ccf7cc9e8946be5af3c1526c6f30ac3f3	no	2

Warnings:

Information:

Total Files Size (in bytes):	178044

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed	
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED – PART I										
(Column 1)		(Column 2)								
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)		
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A				
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A				
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A				
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =		*		X \$ =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		X \$ =				
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL				
APPLICATION AS AMENDED – PART II										
(Column 1)		(Column 2)		(Column 3)						
AMENDMENT	10/01/2015	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	* 13	Minus	** 20	= 0	X \$40 =		0		
	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X \$210 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE		0		
(Column 1)		(Column 2)		(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =				
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	11/10/2015	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane				
Glenshaw, PA 15116				
			ART UNIT	PAPER NUMBER
			2656	
			MAIL DATE	DELIVERY MODE
			11/10/2015	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10-1-15.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 15 and 19-30 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 15, 19-30 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)	3) ☐ Interview Summary (PTO-413)
2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)	Paper No(s)/Mail Date. ____.
Paper No(s)/Mail Date ____.	4) ☐ Other: ____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 103

2. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 15, 19, 21, 23, 25, 27 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Hayek et al. (US 6,224,254, hereinafter Hayek).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Chihara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.

However, Hayek discloses radio telephone timepiece including a sim card which teaches: a second watch band, a buckle, wherein the buckle is coupled to the second watch band (figs. 2a, 2b; col. 2, line 64-col. 3, line 3; col. 4 lines 9-22).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Hayek.

Regarding claims 19, 21, 23, 25, 27, Chihara further teaches: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

4. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hayek as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 Chihara differs from claims 20, 22, 24, in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

5. Claims 28-29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hayek as applied to claim 15 above, and further in view of Bodely (2004/0137967A1).

The combination differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

6. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hayek as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the

user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

--(7,202,773) to Oba et al. discloses authentication information communication system and method of portable information processing device and program furnishing medium which discloses: a second watch band, a buckle, wherein the buckle is coupled to the second watch band (see fig. 6D).

Response to Arguments

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

Application/Control Number: 14/172,884
Art Unit: 2656

Page 8

Notice of References Cited	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2002/0068600 A1	06-2002	Chihara, Hiroyuki	H04B1/385	455/557
*	B	US-6,224,254 B1	05-2001	Hayek; Nicolas Georges	G04B47/00	368/10
*	C	US-5,960,367 A	09-1999	Kita; Kazunori	H04B1/38	455/11.1
*	D	US-2004/0137967 A1	07-2004	Bodley, Martin R.	H04M1/6066	455/575.2
*	E	US-6,906,701 B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
*	F	US-7,202,773 B1	04-2007	Oba; Haruo	G07C9/00007	340/5.8
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
				☐ Credit		

<i>Index of Claims</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant
☐ CPA
☐ T.D.
☐ R.1.47

CLAIM		DATE									
Final	Original	10/01/2014	11/01/2015								
	1	-	-								
	2	-	-								
	3	-	-								
	4	-	-								
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	9	-	-								
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	11	-	-								
	12	-	-								
	13	-	-								
	14	-	-								
	15	✓	✓								
	16	✓	-								
	17	✓	-								
	18	✓	-								
	19	✓	✓								
	20	✓	✓								
	21	✓	✓								
	22	✓	✓								
	23	✓	✓								
	24	✓	✓								
	25	✓	✓								
	26	✓	✓								
	27	✓	✓								
	28	✓	✓								
	29	✓	✓								
	30	✓	✓								

<i>Search Notes</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL **(Submitted Only via EFS-Web)**

Application Number	14172884	Filing Date	2014-02-04	Docket Number (if applicable)	JDM/004CON2	Art Unit	2656
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Melus Ramakrishnaiah		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
 Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

☒ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Applicant Signature			
Applicant 1		Remove	
Signature	Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2016-05-09
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15024
P.O. Box 1450 May 9, 2016
Alexandria, VA 22313-1450

RESPONSE

Sir:

In response to the Office Action dated November 10, 2015, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 2-3 under 35 U.S.C. 112 as fail to comply with the enablement requirement.

The Examiner rejected claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 102(e) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Hayek U.S. Patent No. 6,224,245 (hereinafter "Hayek").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hayek as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Chihara").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hayek and further in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Hayek and further in view of Qeslati et al U.S. Patent No. 6,906,701 (hereinafter Qeslati).

Summary of Applicant's Amendments

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 102(e) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara in view of Halek.

Applicant's amended claim 15 includes a second watch band and a buckle, wherein said buckle is coupled to said second watch band.

The Examiner stated:

" Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band ...

However, Hayek discloses radio telephone timepiece including a sim card ...

Thus, it would have been obvious ... to modify Chihara ... as the arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Hayek ..."

(Office Action, page 2)

Hayek, however, does not correct the deficiency of Chihara as Hayek provides a SIM and SIM related telecommunications. Accordingly, Hayek does not receive wireless communication signals from a mobile telephonic device. Hayek allegedly receives signals directly from a "mobile communication system." Hayek's SIM that directly connects to a communication system is not a applicant's claim that receives wireless communication signals from a mobile telephone - leg alone configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 102(e) as being anticipated by Chihara and Hayek. The Examiner rejected claims 16 and 18 under 35 U.S.C. 103(a) as being unpatentable under Chihara and Hayek in view of Hashimoto. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Hayek in view of Kita. The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Hayek in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara and Hayek in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Request for Continued Examination	2801	1	600	600
Total in USD (\$)				1300

Electronic Acknowledgement Receipt	
EFS ID:	25714018
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	09-MAY-2016
Filing Date:	04-FEB-2014
Time Stamp:	09:27:04
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1300
RAM confirmation Number	17756
Deposit Account	503855
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 CFR 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 CFR 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 CFR 1.19 (Document supply fees)

Charge any Additional Fees required under 37 CFR 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-004CON2--RCE.pdf	697794	no	3
			b0c37b604cd896a5ca16509aeab18b2c781d902d		
Warnings:					
Information:					
2		JDM-004CON2--Reply.pdf	147528	yes	8
			0990d37f3bda65c650bf59f5dd5bc753f65deaa5		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	8	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32380	no	2
			f848abdd9483b186e26dd37c94259b9b6e0fab0d		
Warnings:					
Information:					
Total Files Size (in bytes):			877702		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed	
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO									
APPLICATION AS FILED – PART I									
(Column 1)		(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA			RATE (\$)	FEE (\$)		
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A			N/A			
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A	N/A			N/A			
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A			N/A			
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =	*			X \$	=		
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*			X \$	=		
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
						TOTAL			
APPLICATION AS AMENDED – PART II									
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$		=	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$		=	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE			
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	05/09/2016	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 13	Minus	** 20	= 0	x \$40 =		0	
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$210 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE		0	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	05/20/2016	EXAMINER	
JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116			RAMAKRISHNAIAH, MELUR	
			ART UNIT	PAPER NUMBER
			2656	
			MAIL DATE	DELIVERY MODE
			05/20/2016	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 5-9-16.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 15 and 19-30 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 15, 19-30 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____.

3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.

4) ☐ Other: ____.

1. The present application is being examined under the pre-AIA first to invent provisions.
2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5-9-16 has been entered.

Claim Rejections - 35 USC § 103

3. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 15, 19, 21, 23, 25, 27 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Gehlot (US PAT: 6,249,222).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication

device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Chihara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.

However, Gehlot discloses: method and apparatus for generating color based alerting signals which teaches: a second watch band (fig. 6), a buckle (not shown), wherein the buckle is coupled to the second watch band (this is implied in as much as the reference teaches two bands for a wristwatch as shown in fig. 6; fig. 1; fig. 6; col. 6 lines 32-44 and abstract).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Gehot.

Regarding claims 19, 21, 23, 25, 27, Chihara further teaches: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

5. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied to claim 15 above, and further in view of Kota (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 Chihara differs from claims 20, 22, 24, in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

6. Claims 28-29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied to claim 15 above, and further in view of Bodely (US 2004/0137967A1).

The combination differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

7. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

--(2003/0153364A1) to Osann, JR. discloses courtesy answering solution for wireless communication devices which teaches: A solution for answering a call on a mobile phone is described including a "courtesy answering mode". Here, the receiving party manually activates a recorded or automatically constructed message to be played for the caller, indicating to the calling party in effect that the receiving party will take their call shortly, and/or is relocating to a location where they will be able to properly receive the call. The receiving party can then move in a quiet and unhurried manner, without feeling compelled to start talking to the calling party. When the receiving party reaches the appropriate location, they will activate the phone to initiate the conversation. In addition, various remote controller/communicator accessories are described to further aid in answering or processing an incoming call in a manner courteous to those in close proximity to the receiving party.

Response to Arguments

9. Applicant's arguments with respect to claims 15, 19-30 have been considered but are moot in view of new rejection of the claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

Application/Control Number: 14/172,884
Art Unit: 2656

Page 8

Notice of References Cited	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2002/0068600 A1	06-2002	Chihara, Hiroyuki	H04B1/385	455/557
*	B	US-6,249,222 B1	06-2001	Gehlot; Narayan Lal	G08B1/08	340/12.54
*	C	US-2004/0137967 A1	07-2004	Bodley, Martin R.	H04M1/6066	455/575.2
*	D	US-6,906,701 B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
*	E	US-2003/0153364 A1	08-2003	Osann, Robert JR.	H04M1/6505	455/567
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)
20160516

Notice of References Cited

Part of Paper No.



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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2	
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR Acknowledged RAMAKRISHNAIAH/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES					
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES					
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

<i>Index of Claims</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant						☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE									
Final	Original	10/01/2014	11/01/2015	05/16/2016							
	1	-	-	-							
	2	-	-	-							
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	13	-	-	-							
	14	-	-	-							
	15	✓	✓	✓							
	16	✓	-	-							
	17	✓	-	-							
	18	✓	-	-							
	19	✓	✓	✓							
	20	✓	✓	✓							
	21	✓	✓	✓							
	22	✓	✓	✓							
	23	✓	✓	✓							
	24	✓	✓	✓							
	25	✓	✓	✓							
	26	✓	✓	✓							
	27	✓	✓	✓							
	28	✓	✓	✓							
	29	✓	✓	✓							
	30	✓	✓	✓							

WEST Search History for Application 14172884

Creation Date: 2016051609:12

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016

Search Notes 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15024
P.O. Box 1450 November 21, 2016
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time is applicable hereto and filed herewith. In response to the Office Action dated November 10, 2015, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Gehlot U.S. Patent No. 6,249,222 (hereinafter "Gehlot").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot and further in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara in view of Gehlot.

Applicant's amended claim 15 includes a second watch band and a buckle, wherein said buckle is coupled to said second watch band.

The Examiner stated:

" Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band ...

However, Gehlot discloses ... generating color based alerting signals which teaches: a second watch band (fig. 6), a buckle (not shown), wherein the buckle is coupled to the second watch band (this is implied in as much as the reference teaches two bands for a wristwatch as shown in fig. 6; fig. 1; fig. 6; and col. 6 lines 32-44 and abstract)radio telephone timepiece including a sim card"

(Office Action, page 3)

Gehlot, however, does not infer two wristbands as the Examiner alleges - Gehlot actually does show an embodiment and shows just one band with no buckle. See FIG. 1.

Accordingly, Gehlot does not show or suggest two wristbands - let alone two wristbands with a buckle. Gehlot is clear in that it shows just one band with no buckle.

As a result, Gehlot directly teaches away from two wristbands and a buckle by showing an inoperable combination of a single wristband.

The Examiner appears to have agreed with applicant's position in the past. More particularly, the Examiner allegedly removed the Hashimoto reference based on a similar argument:

"Applicant's inclusion of a low technology buckle with bands coupled with a high technology watch

generates a *whimsical (sic)* and festive nature of the device – an element that creates a *whimsical (sic)* and festive nature is bone fide patentable. As shown above, the low technology of Hasimoto teaches directly away from the high technology of Chihara and the combining of the two would merely eviscerate the spirit of the individual devices.” (Response dated October 1, 2015, pages 6-7)

Accordingly, none of the references, used either alone or in combination, show or suggest applicant’s claim 15. Accordingly, applicant respectfully requests that the Examiner’s rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Gehlot. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Gehlot in view of Kita. The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Gehlot in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara and Gehlot in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner’s rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
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Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt	
EFS ID:	27572865
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	21-NOV-2016
Filing Date:	04-FEB-2014
Time Stamp:	14:57:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$700
RAM confirmation Number	112216INTEFSW14592400
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
37 CFR 1.21 (Miscellaneous fees and charges)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004CON2--Reply.pdf	174121	yes	8
			073ef1d811b19f1a673d7bff6932b70ac33749a		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	8	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30663	no	2
			42d730a9cb8d41c4edb050d62ace31b09b4ceb09		
Warnings:					
Information:					
Total Files Size (in bytes):			204784		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed					
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO													
APPLICATION AS FILED – PART I													
(Column 1)		(Column 2)											
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)					
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A							
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A							
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A		N/A		N/A							
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =		*		X \$ =							
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		X \$ =							
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).											
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))													
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL							
APPLICATION AS AMENDED – PART II													
(Column 1)		(Column 2)		(Column 3)									
AMENDMENT	11/21/2016		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))		* 13		Minus ** 20		= 0		X \$40 =		0		
	Independent (37 CFR 1.16(h))		* 1		Minus *** 3		= 0		X \$210 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))												
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
						TOTAL ADD'L FEE		0					
(Column 1)		(Column 2)		(Column 3)									
AMENDMENT			CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))		*		Minus **		=		X \$ =				
	Independent (37 CFR 1.16(h))		*		Minus ***		=		X \$ =				
	☐ Application Size Fee (37 CFR 1.16(s))												
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
						TOTAL ADD'L FEE							
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										LIE MARQUITA JONES			

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	01/03/2017	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane				
Glenshaw, PA 15116				
			ART UNIT	PAPER NUMBER
			2656	
			MAIL DATE	DELIVERY MODE
			01/03/2017	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 11-21-16.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 15 and 19-30 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 15, 19-30 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____.

3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.

4) ☐ Other: ____.

Claim Rejections - 35 USC § 103

1. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 15, 19, 21, 23, 25, 27 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Gehlot (US PAT: 6,249,222).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Chihara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.

However, Gehlot discloses: method and apparatus for generating color based alerting signals which teaches: a second watch band (fig. 6), a buckle (not shown), wherein the buckle is coupled to the second watch band (this is implied in as much as

the reference teaches two bands for a wristwatch as shown in fig. 6; fig. 1; fig. 6; col. 6 lines 32-44 and abstract).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Gehot.

Regarding claims 19, 21, 23, 25, 27, Chihara further teaches: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

3. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied to claim 15 above, and further in view of Kota (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 Chihara differs from claims 20, 22, 24, in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

4. Claims 28-29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied to claim 15 above, and further in view of Bodely (US 2004/0137967A1).

The combination differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

5. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the

user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Response to Arguments

6, Applicant's arguments filed on 11-21-16 have been fully considered but they are not persuasive as detailed below.

Rejection of claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Gehlot U.S. Patent No. 6,249,222 (hereinafter "Gehlot"):

Applicant argues that claim 15 includes a second watch band and a buckle, where in the said buckle is coupled to said second watch band. Applicant then refers to office action contents: Chihara ... does not explicitly disclose a second watch band, a buckle, where in the buckle is coupled to the second watch bank ...

However, Gehlot discloses ... generating color based alerting signals which teaches: a second watch band (fig. 6), a buckle (not shown), wherein the buckle is coupled to the second watch band (this is implied in as much as the reference teaches two banks for a wristwatch as shown in fig. 6; fig. 1; fig. 6; and col. 6 lines 32-44 and abstract) radio telephone timepiece including a sim card"

Gehlot, however, does not infer two wristbands as the Examiner alleges - Gehlot actually does show an embodiment and shows just one band with no buckle. See FIG. 1.

Examiner respectfully disagrees with applicants characterization Gehlot as to its teaching regarding two watch bands and a buckle for holding the wrist watch in place on users wrist, because as shown in fig. 6 of the reference, it shows two watch bands for the wrist watch and in order to hold the wrist watch on users wrist, it should have buckle to fasten two pieces of watch band on users wrist.

Since Gehlot teaches applicants claim limitations, rejection of claim 15 under 35 U.S.C 103(a) is maintained as set forth in the office action.

Applicants arguments regarding rejection of dependent claims 16-30, are tied to independent claim 15 being patentable which is not as explained above.

1. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

WEST Search History for Application 14172884

Creation Date: 2016122908:32

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016

<i>Index of Claims</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant
 ☐ CPA
 ☐ T.D.
 ☐ R.1.47

CLAIM		DATE							
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016				
	1	-	-	-	-				
	2	-	-	-	-				
	3	-	-	-	-				
	4	-	-	-	-				
	5	-	-	-	-				
	6	-	-	-	-				
	7	-	-	-	-				
	8	-	-	-	-				
	9	-	-	-	-				
	10	-	-	-	-				
	11	-	-	-	-				
	12	-	-	-	-				
	13	-	-	-	-				
	14	-	-	-	-				
	15	✓	✓	✓	✓				
	16	✓	-	-	-				
	17	✓	-	-	-				
	18	✓	-	-	-				
	19	✓	✓	✓	✓				
	20	✓	✓	✓	✓				
	21	✓	✓	✓	✓				
	22	✓	✓	✓	✓				
	23	✓	✓	✓	✓				
	24	✓	✓	✓	✓				
	25	✓	✓	✓	✓				
	26	✓	✓	✓	✓				
	27	✓	✓	✓	✓				
	28	✓	✓	✓	✓				
	29	✓	✓	✓	✓				
	30	✓	✓	✓	✓				

Search Notes 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner



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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2	
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR Acknowledged RAMAKRISHNAIAH/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES					
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES					
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL **(Submitted Only via EFS-Web)**

Application Number	14172884	Filing Date	2014-02-04	Docket Number (if applicable)	JDM/004CON2	Art Unit	2656
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Melus Ramakrishnaiah		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
 Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

☒ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Applicant Signature			
Applicant 1		Remove	
Signature	Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2017-07-03
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15024
P.O. Box 1450 July 3, 2017
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time and a Request for Continued Examination is applicable hereto and filed herewith. In response to the Office Action dated November 10, 2015, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Gehlot U.S. Patent No. 6,249,222 (hereinafter "Gehlot").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot and further in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Gehlot and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner reject'ed claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara in view of Gehlot.

Applicant's amended claim 15 includes a second watch band and a buckle, wherein said buckle is coupled to said second watch band.

The Examiner stated:

" Gehlot ... teaches two watch bands as shown in FIG. 6.""
(Office Action, page 6)

Gehlot, however, does not discuss two wristbands as the Examiner alleges. FIG. 6 at best cuts off a single band (or alternatively shows it from a perspective from above where only the top view perspective is shown). Gehlot shows throughout its figures a bracelet approach that is a single band. FIG. 6 only supports this bracelet approach.

This is clearly shown as Gehlot clearly does not show a buckle in any way, shape, or form. If two bands were shown, a structure for connecting the two bands would be shown - which hare not. This is because Gehlot does not show or suggest applicant's invention of claim 15 of two bands and a buckle.

None of the figures or portions of the reference cited by the Examiner allege anything other than one structure - at best a band - with no buckle. It appears that the Examiner now agrees with applicant's point on page 6 of the Examiner's Office Action.

Accordingly, Gehlot does not show or suggest two wristbands - let alone two wristbands with a buckle.

Gehlot is clear in that it shows just one band with no buckle.

At best, Gehlot is a bracelet with a functionality and structure different from the functionality and structure of applicant's invention of claim 15.

As a result, Gehlot directly teaches away from two wristbands and a buckle by showing an inoperable combination of a single wristband.

The Examiner appears to have agreed with applicant's position in the past. More particularly, the Examiner allegedly previously removed the Hashimoto reference based on a similar argument. eviscerate the spirit of the individual devices." (Response dated October 1, 2015, pages 6-7).

Accordingly, none of the references, used either alone or in combination, show or suggest applicant's claim 15. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Gehlot. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Gehlot in view of Kita. The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Gehlot in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara and Gehlot in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are

patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	850	850
Total in USD (\$)				1550

Electronic Acknowledgement Receipt	
EFS ID:	29682154
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	03-JUL-2017
Filing Date:	04-FEB-2014
Time Stamp:	21:26:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1550
RAM confirmation Number	070517INTEFSW21284300
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)
37 CFR 1.20 (Post Issuance fees)
37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-004CON2--RCE.pdf	697795	no	3
			7af502186271e4940af98d092015533f4bde a247		
Warnings:					
Information:					
2		JDM-004CON2--Reply.pdf	148552	yes	8
			b17bfb08d6c247013355c9da7b907964afe5 e726		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	8	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32382	no	2
			d2a8eed5fc31ef602ebxd431f51a2c719ca3d d2ec		
Warnings:					
Information:					
Total Files Size (in bytes):			878729		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	07/13/2017	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2656	
			MAIL DATE	DELIVERY MODE
			07/13/2017	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on 7-3-17.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 15 and 19-30 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 15, 19-30 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____.

3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.

4) ☐ Other: ____.

1. The present application is being examined under the pre-AIA first to invent provisions.
2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7-3-17 has been entered.

Claim Rejections - 35 USC § 103

3. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 15, 19, 21, 23, 25, 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Oi (JP2001-045111A).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication

device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Chihara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.

However, Oi discloses: Auxiliary device for mobile phone which teaches: a second watch band (7, fig. 2), a buckle (fig. 2), wherein the buckle is coupled to the second watch band (abstract, fig. 2).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Oi.

Regarding claims 19, 21, 23, 25, 27, Chihara further teaches: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

5. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other

well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

6. Claims 28-29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied to claim 15 above, and further in view of Bodely (US 2004/0137967A1).

The combination differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

7. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Response to Arguments

8. Applicant's arguments with respect to claims 15, 19-30 have been considered but are moot in view of new claim rejections.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

Notice of References Cited	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2002/0068600 A1	06-2002	Chihara, Hiroyuki	H04B1/385	455/557
*	B	US-5,960,367 A	09-1999	Kita; Kazunori	H04B1/38	455/11.1
*	C	US-2004/0137967 A1	07-2004	Bodley, Martin R.	H04M1/6066	455/575.2
*	D	US-6,906,701 B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N	JP 2001045111 A	02-2001	N/A	OI, SEIJUN	
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
			☐ Credit			

<i>Index of Claims</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant
 ☐ CPA
 ☐ T.D.
 ☐ R.1.47

CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017				
	1	-	-	-	-	-				
	2	-	-	-	-	-				
	3	-	-	-	-	-				
	4	-	-	-	-	-				
	5	-	-	-	-	-				
	6	-	-	-	-	-				
	7	-	-	-	-	-				
	8	-	-	-	-	-				
	9	-	-	-	-	-				
	10	-	-	-	-	-				
	11	-	-	-	-	-				
	12	-	-	-	-	-				
	13	-	-	-	-	-				
	14	-	-	-	-	-				
	15	✓	✓	✓	✓	✓				
	16	✓	-	-	-	-				
	17	✓	-	-	-	-				
	18	✓	-	-	-	-				
	19	✓	✓	✓	✓	✓				
	20	✓	✓	✓	✓	✓				
	21	✓	✓	✓	✓	✓				
	22	✓	✓	✓	✓	✓				
	23	✓	✓	✓	✓	✓				
	24	✓	✓	✓	✓	✓				
	25	✓	✓	✓	✓	✓				
	26	✓	✓	✓	✓	✓				
	27	✓	✓	✓	✓	✓				
	28	✓	✓	✓	✓	✓				
	29	✓	✓	✓	✓	✓				
	30	✓	✓	✓	✓	✓				

Search Notes 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk

INTERFERENCE SEARCH

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 January 16, 2017
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time is applicable hereto and filed herewith. In response to the Office Action dated July 13, 2017, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Oi JP2001-045111A (hereinafter "Oi").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi and further in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Oi.

Applicant's amended claim 15 includes a second watch band and a buckle, wherein said buckle is coupled to said second watch band.

The Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.""
(Office Action, page 3)

The Examiner stated that Oi shows such features.

Oi, however, makes it clear that Oi's battery is in its band - particularly "the band incorporates and incoming antenna and a power supply." See *Oi*, page 2, solution.

Applicant's claim 15 includes a first band, a second band, and a communication device that includes a battery. A communication device is not a band. of claim

Accordingly, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Oi. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Oi in view of Kita. The Examiner rejected

claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Oi in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara and Oi in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt	
EFS ID:	31518658
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	16-JAN-2018
Filing Date:	04-FEB-2014
Time Stamp:	21:13:51
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$700
RAM confirmation Number	011718INTEFSW21171700
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)
37 CFR 1.20 (Post Issuance fees)
37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004CON2--Reply.pdf	169792	yes	7
			24631910be744d4d828e70a046aeae81206339fb45		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	7	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30663	no	2
			161e58d9a0559c4db412daa81f00a084c2ab086e		
Warnings:					
Information:					
Total Files Size (in bytes):			200455		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 = *		x \$40 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 = *		x \$210 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	01/16/2018	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	* 13	Minus	** 20	= 0	x \$50 =		0		
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$230 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		0			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE					
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/Dorian Evans/					
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	04/10/2018	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2656	
			MAIL DATE	DELIVERY MODE
			04/10/2018	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) MULLEN, JEFFREY DAVID	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 1-16-18.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 15 and 19-30 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 15, 19-30 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)	3) ☐ Interview Summary (PTO-413)
2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)	Paper No(s)/Mail Date. ____.
Paper No(s)/Mail Date ____.	4) ☐ Other: ____.

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 103

2. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 15, 19, 21, 23, 25, 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Oi (JP2001-045111A).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Chihara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.

However, Oi discloses: Auxiliary device for mobile phone which teaches: a second watch band (7, fig. 2), a buckle (fig. 2), wherein the buckle is coupled to the second watch band (abstract, fig. 2).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Oi.

Regarding claims 19, 21, 23, 25, 27, Chihara further teaches: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

4. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

5. Claims 28-29 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied to claim 15 above, and further in view of Bodely (US 2004/0137967A1).

The combination differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

6. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Ouestlati).

The combination differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Response to Arguments

7. Applicant's arguments filed on 1-16-18 have been fully considered but they are not persuasive as explained below:

Rejection of claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C 103(a) as being obvious over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Oi (JP2001-045111A):

Applicant argues "Applicant's amended (applicant did not amend claim 15 as stated) claim 15 includes a second watch band and a buckle, wherein said buckle is coupled to said second watch band". Applicant further continues: "Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band". Applicant further states: "the examiner stated that Oi shows such features". Oi, however, makes it clear Oi's battery is in its band-particularly "the band incorporates and incoming antenna and a power supply." See Oi, page 2, solution.

Examiner respectfully disagrees with applicant arguments. As stated in the office action Oi does teach: Auxiliary device for mobile phone which teaches: a second watch band (7, fig. 2), a buckle (fig. 2), wherein the buckle is coupled to the second watch band (abstract, fig. 2).

Thus independent claim 15 is obvious over Chitra in view of Oi as stated above in the office action. Therefor rejection of claim 15 is maintained.

Applicant's arguments regarding rejection of dependent claims is tied to independent claim 15 being patentable which is not as set forth above.

In view of examiner response to applicant's arguments as set forth above, rejection of claims 15, 19-30 is maintained.

8. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

Application/Control Number: 14/172,884
Art Unit: 2656

Page 9

<i>Index of Claims</i> 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant		☐ CPA		☐ T.D.		☐ R.1.47			
CLAIM		DATE							
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018		
	1	-	-	-	-	-	-		
	2	-	-	-	-	-	-		
	3	-	-	-	-	-	-		
	4	-	-	-	-	-	-		
	5	-	-	-	-	-	-		
	6	-	-	-	-	-	-		
	7	-	-	-	-	-	-		
	8	-	-	-	-	-	-		
	9	-	-	-	-	-	-		
	10	-	-	-	-	-	-		
	11	-	-	-	-	-	-		
	12	-	-	-	-	-	-		
	13	-	-	-	-	-	-		
	14	-	-	-	-	-	-		
	15	✓	✓	✓	✓	✓	✓		
	16	✓	-	-	-	-	-		
	17	✓	-	-	-	-	-		
	18	✓	-	-	-	-	-		
	19	✓	✓	✓	✓	✓	✓		
	20	✓	✓	✓	✓	✓	✓		
	21	✓	✓	✓	✓	✓	✓		
	22	✓	✓	✓	✓	✓	✓		
	23	✓	✓	✓	✓	✓	✓		
	24	✓	✓	✓	✓	✓	✓		
	25	✓	✓	✓	✓	✓	✓		
	26	✓	✓	✓	✓	✓	✓		
	27	✓	✓	✓	✓	✓	✓		
	28	✓	✓	✓	✓	✓	✓		
	29	✓	✓	✓	✓	✓	✓		
	30	✓	✓	✓	✓	✓	✓		

Search Notes 	Application/Control No. 14172884	Applicant(s)/Patent Under Reexamination MULLEN, JEFFREY DAVID
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk

SEARCH NOTES		
Search Notes	Date	Examiner
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner



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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2	
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR Acknowledged RAMAKRISHNAIAH/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES					
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES					
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL **(Submitted Only via EFS-Web)**

Application Number	14172884	Filing Date	2014-02-04	Docket Number (if applicable)	JDM/004CON2	Art Unit	2656
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Melus Ramakrishnaiah		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
 Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

☒ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Applicant Signature			
Applicant 1		Remove	
Signature	Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2018-09-10
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 September 10, 2018
Alexandria, VA 22313-1450

RESPONSE

Sir:

A two-month extension of time and a Request for Continued Examination is applicable hereto and filed herewith. In response to the Office Action dated April 10, 2018, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive wireless communication signals from said mobile telephonic device, wherein said communication device includes a battery, said communication device is configured to provide user-perceivable notification signals that are dependent upon said received communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said user-perceivable signals are indicative of a missed call.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner

rejected claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Oi JP2001-045111A (hereinafter "Oi").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi and further in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected claim 30 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Oi and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Oi.

Applicant's previously amended claim 15 includes a second watch band and a buckle, wherein said buckle is coupled to said second watch band.

The Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.""
(Office Action, page 3)

The Examiner stated that Oi alleges:

"an auxiliary device for mobile phone which teaches: a second watch band (7, fig. 2) a buckle (fig. 2), wherein the buckle is coupled to the second watch bank (abstract, fig. 2). Office action, page 6.

Oi, however, makes it clear Oi's "band incorporates and incoming antenna and a power supply." See Oi, page 2, solution.

Applicant's claim 15 includes a first band, a second band, and a communication device that includes a battery. Oi's band with a power supply is not applicant's communication device - separate from the two bands - that includes a battery. A communication device is not a band.

Accordingly, applicant respectfully requests that the Examiner's rejection be withdrawn.

Furthermore, applicant's claim 15 includes a communication device that receives signals from a telephone. Oi' band with an antenna is not applicant's communication device that receives signals from a mobile

telephonic device. Receiving from a band is not receiving from a mobile telephonic device.

Accordingly, applicant respectfully requests that the Examiner's rejection be withdrawn.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Oi. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Oi in view of Kita. The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Oi in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara and Oi in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 2 months with \$0 paid	2252	1	300	300
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	950	950
Total in USD (\$)				1250

Electronic Acknowledgement Receipt	
EFS ID:	33679449
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	10-SEP-2018
Filing Date:	04-FEB-2014
Time Stamp:	23:12:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$1250
RAM confirmation Number	091118INTEFSW00007607503855
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
37 CFR 1.21 (Miscellaneous fees and charges)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-004CON2--RCE.pdf	697797	no	3
			d31f59f5d3304514618869ada2f614ac4acb48d0		
Warnings:					
Information:					
2		JDM-004CON2--Reply.pdf	170743	yes	8
			e3a58c9610be21bc33d4b94025c012593423115d		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	4	
	Applicant Arguments/Remarks Made in an Amendment		5	8	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32583	no	2
			e7b83609b3d10e942cc6437cc8f30da0cd2e968b		
Warnings:					
Information:					
Total Files Size (in bytes):			901123		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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New International Application Filed with the USPTO as a Receiving Office

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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number		Filing Date		☐ To be Mailed	
Substitute for Form PTO-875				14/172,884		02/04/2014			
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO									
APPLICATION AS FILED – PART I									
(Column 1)		(Column 2)							
FOR	NUMBER FILED	NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		X \$ =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		X \$ =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL					
APPLICATION AS AMENDED – PART II									
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	09/10/2018	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 13	Minus	** 20	= 0	X \$50 =		0	
	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X \$230 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
TOTAL ADD'L FEE						0			
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =			
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =			
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
TOTAL ADD'L FEE									
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	09/19/2018	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2656	
			MAIL DATE	DELIVERY MODE
			09/19/2018	PAPER

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The time period for reply, if any, is set in the attached communication.

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9-10-18 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claim 15, 19, 21, 23, 25, 27 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Callister (GB 2 367 210 A).

Art Unit: 2656

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive wireless communication signals from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide user-perceivable notification signals that are dependent upon the received communication signals (paragraph: 0062).

Chihara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.

However, Callister discloses watch with built-in call annunciation and phone locationing features which teaches: a second watch band, a buckle, wherein the buckle is coupled to the second watch band as shown figure (abstract; description).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Callister.

Regarding claims 19, 21, 23, 25, 27, Chihara further teaches: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a

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control circuitry, and input device, and memory (fig. 2), wherein the user-perceivable signals are indicative of an incoming call (paragraph: 0062).

4. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 Chihara differs from claims 20, 22, 24, in that he does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

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5. Claims 28-29 rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister as applied to claim 15 above, and further in view of Bodely (2004/0137967A1).

The combination differs from claims 25-26 in that he does not specifically disclose: wherein the user-perceivable signals are indicative of a: calendar notification, reminder.

However, Bodely teaches: wherein the user-perceivable signals are indicative of a: calendar notification, reminder (reads on appointment: fig. 8; paragraph: 0024).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals are indicative of a: calendar notification, reminder as this arrangement would provide well-known functions for user device to provide user convenience as taught by Bodely.

6. Claim 30 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claim 30 in that he does not specifically disclose: wherein the user-perceivable signals indicative of a missed call.

However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls as taught by Oueslati.

Response to Arguments

Applicant's arguments with respect to claims 15, 19-30 have been considered but are moot because of new rejection of claims as set forth above.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on Flexible.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 28098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair->

Art Unit: 2656

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/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

<i>Notice of References Cited</i>	Application/Control No. 14/172,884		Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH		Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20020068600-A1	06-2002	Chihara, Hiroyuki	H04B1/385	455/557
*	B	US-5960367-A	09-1999	Kita; Kazunori	H04B1/38	455/11.1
*	C	US-20040137967-A1	07-2004	Bodley, Martin R.	H04M1/05	455/575.2
*	D	US-6906701-B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N	GB-2367210-A	03-2002	GB	CALLISTER SCOTT	G08B5/228
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20180913

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018		
	1	-	-	-	-	-	-	-		
	2	-	-	-	-	-	-	-		
	3	-	-	-	-	-	-	-		
	4	-	-	-	-	-	-	-		
	5	-	-	-	-	-	-	-		
	6	-	-	-	-	-	-	-		
	7	-	-	-	-	-	-	-		
	8	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-		
	10	-	-	-	-	-	-	-		
	11	-	-	-	-	-	-	-		
	12	-	-	-	-	-	-	-		
	13	-	-	-	-	-	-	-		
	14	-	-	-	-	-	-	-		
	15	✓	✓	✓	✓	✓	✓	✓		
	16	✓	-	-	-	-	-	-		
	17	✓	-	-	-	-	-	-		
	18	✓	-	-	-	-	-	-		
	19	✓	✓	✓	✓	✓	✓	✓		
	20	✓	✓	✓	✓	✓	✓	✓		
	21	✓	✓	✓	✓	✓	✓	✓		
	22	✓	✓	✓	✓	✓	✓	✓		
	23	✓	✓	✓	✓	✓	✓	✓		
	24	✓	✓	✓	✓	✓	✓	✓		
	25	✓	✓	✓	✓	✓	✓	✓		
	26	✓	✓	✓	✓	✓	✓	✓		
	27	✓	✓	✓	✓	✓	✓	✓		
	28	✓	✓	✓	✓	✓	✓	✓		
	29	✓	✓	✓	✓	✓	✓	✓		
	30	✓	✓	✓	✓	✓	✓	✓		

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC - Searched*		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk
Search updated		09/13/2018	mrk

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

Search Notes		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk
WEST database	09/13/2018	mrk

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

(12) UK Patent Application (19) GB (11) 2 367 210 (13) A

(43) Date of A Publication 27.03.2002

(21) Application No 0023017.7

(22) Date of Filing 20.09.2000

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(51) INT CL⁷
G08B 21/00, H04B 1/38

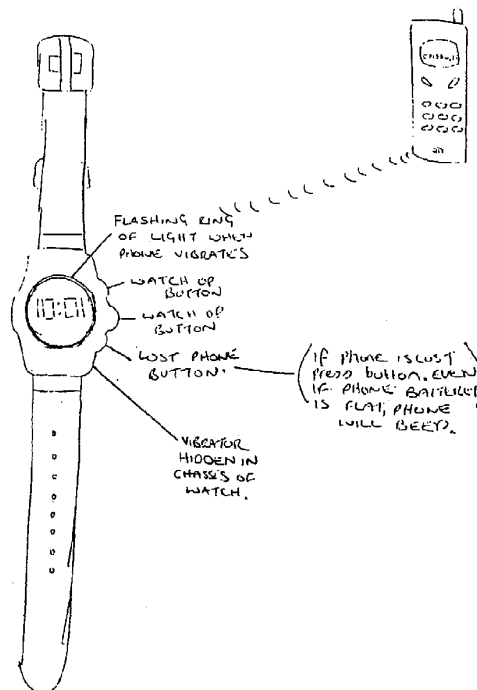
(52) UK CL (Edition T)
H4L LERA LRAX
U1S S2199

(56) Documents Cited
GB 2350464 A GB 2138616 A
DE 019749730 A FR 002779607 A
JP 110262065 A SE 009702409 A
US 5960367 A

(58) Field of Search
On-Line - EPODOC, JAPIO, WPI

(54) Abstract Title
Watch with built-in call annunciation and phone locating features

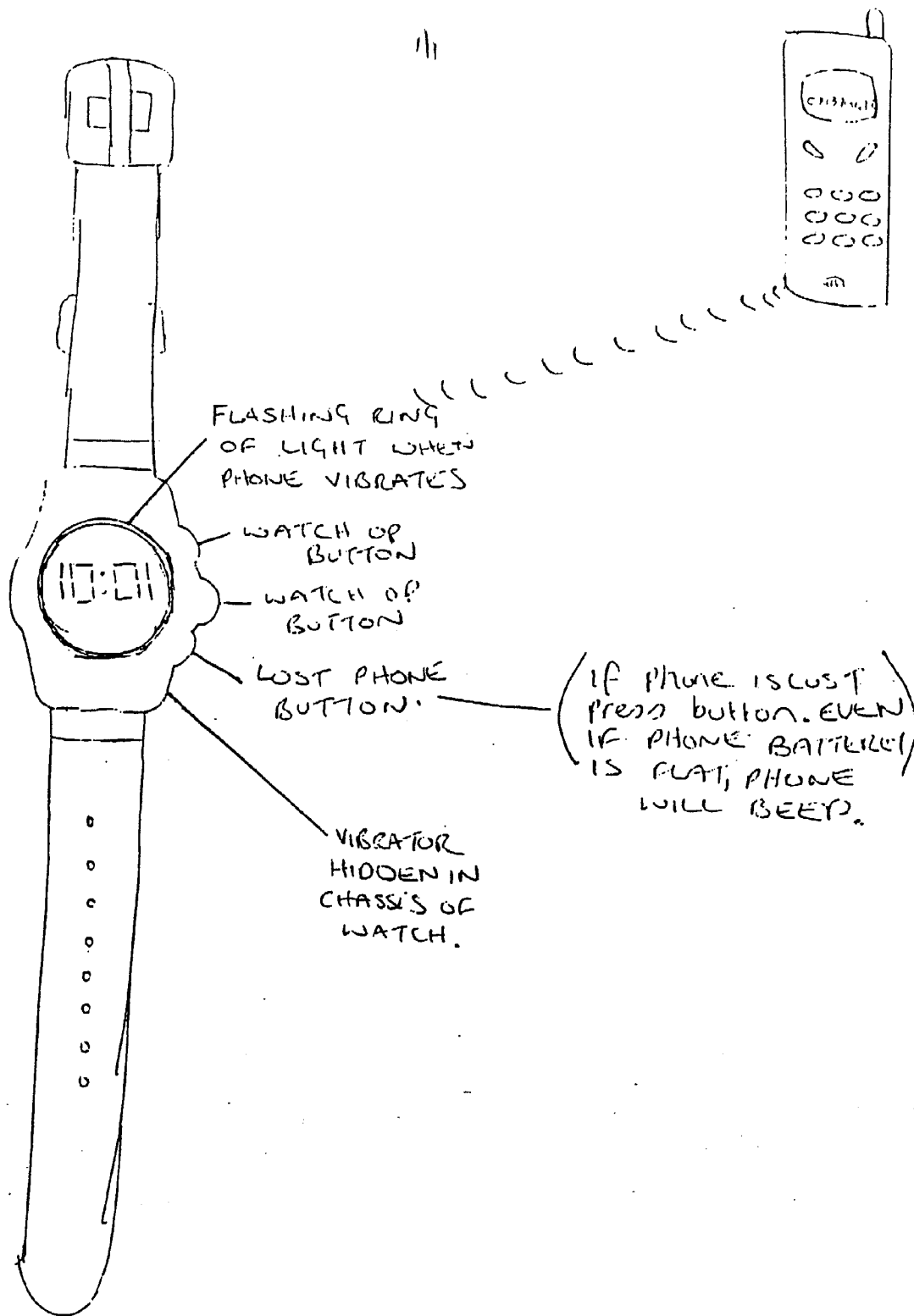
(57) A wrist watch includes a vibrator and a receiver for receiving radio signals from a mobile phone. When an incoming call is detected, the mobile phone sends a signal to the watch's receiver informing it of the incoming call. In response to reception of the signal, the watch vibrates and may also flash to indicate to the wearer that their phone has received an incoming call. The watch may also include a button which, when pressed, causes a radio signal to be sent to the mobile phone. In response to receiving this signal, the phone emits an audible signal, even if its battery is flat, to enable the wearer of the watch to locate their lost or missing phone.



The claims were filed later than the filing date but within the period prescribed by Rule 25(1) of the Patents Rules 1995.

At least one of these pages has been prepared from an original which was unsuitable for direct photoreproduction.

GB 2 367 210 A



2367210

THE WATCH PAGER

THE WATCH PAGER IS AN INVENTION SO THE OWNER OF A MOBILE PHONE WILL NEVER MISS A CALL. IF THE PHONE IS ON SILENT, VIBE, OR RING THE PHONE WILL ALSO SEND A SIGNAL TO THE WATCH PAGER MAKING IT VIBRATE. THIS SHOULD STOP YOU MISSING ANY CALLS. THE MAIN AIM OF THE WATCH PAGER IS SO YOU CAN HAVE YOUR PHONE ON SILENT AND WHEN A CALL COMES IN YOU DON'T GET A RING, IT JUST VIBRATES YOUR WATCH AND YOU CAN ANSWER YOUR PHONE DISCREETLY. THE PHONE SENDS A MESSAGE VIA RADIO WAVES SIMILAR TO A PAGER WHEN YOUR PHONE RECEIVES AN INCOMING CALL, THE OWNER THEN FEELS THE VIBE ON HIS ARM AND IS VERY UNLIKELY TO MISS A CALL. THE VIBRATION IS PICKED UP BY A UNIT IN THE CHASSIS OF THE WATCH. THE WATCH CAN ALSO HAVE A VISIBLE INDICATOR A CALL IS COMING IN BY A FLASHING LIGHT ON THE WATCH FACE. IF THE PHONE IS MISPLACED THE WATCH HAS A LOST PHONE BUTTON YOU PRESS AND THE PHONE WILL BEEP TO LET U NOW WHERE IT IS EVEN IF THE BATTERY TO THE PHONE HAS GONE FLAT.

THE DRAWING SHOWS THE PHONE IS ON SILENT TO BE DISCREET WITH NO SILLY RING. PHONE CAN ALSO BE ON RING OR VIBE AND WILL STILL VIBE WATCH.

PHONE SENDS MESSAGE TO WATCH PAGER MAKING WATCH VIBRATE (VIA RADIO WAVES SIMILAR TO A PAGER)

THE WATCH PAGER? OR MOBILE PAGER? IF YOU'VE LEFT YOUR PHONE IN YOUR CAR OR COAT YOU WILL KNOW YOU HAVE A CALL!.

NEVER MISS A CALL!!

2.

CLAIMS

1. A WATCH THAT VIBRATES WHEN AN INCOMING CALL IS RECEIVED BY THE PERSON'S MOBILE PHONE.

2. THE WATCH AS IN CLAIM 1 WHERE YOU PRESS A BUTTON ON THE WATCH IF YOU'VE MISPLACED YOUR PHONE.

3. THE WATCH AS IN CLAIM 1 OR CLAIM 2 WHERE A VISIBLE INDICATOR IS ON VIEW WHEN AN INCOMING CALL IS RECEIVED FROM THE PERSON'S MOBILE PHONE.



INVESTOR IN PEOPLE

Application No: GB 0023017.7

Claims searched: 1 to 3

Examiner: Jared Stokes

Date of search: 26 June 2001

Patents Act 1977

Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.S):

Int Cl (Ed.7):

Other: On-Line - EPODOC, JAPIO, WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A	GB 2 350 464 A (Marsh et al.) See page 1	-
X	GB 2 138 616 A (Anatronics) See page 1 line 122-page 2 line 5, page 2 line 128-page 3 line 7	1,3
X	US 5 960 367 (Kita) See abstract, figs 1 & 2, column 11 lines 11-14	1,3
X	DE 19 749 730 A (Bordfeld) See WPI abstract accession No. 1999-313998	1
X	FR 2 779 607 A (Beraud) See WPI abstract accession No. 2000-074974	1
X,Y	JP 11 262 065 A (Sony) See WPI abstract accession No. 1999-597817	X: 1 Y: 2
Y	SE 9 702 409 A (Ericsson) See WPI abstract accession No. 1999-179465	2

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

WEST Search History for Application 14172884

Creation Date: 2018091308:52

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030410	DWPI	10	OR	YES		09-13-2018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 March 19, 2019
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time is applicable hereto filed herewith. In response to the Office Action dated September 19, 2019, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt	
EFS ID:	35472733
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	19-MAR-2019
Filing Date:	04-FEB-2014
Time Stamp:	21:58:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$700
RAM confirmation Number	032019INTEFSW00007033503855
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
37 CFR 1.21 (Miscellaneous fees and charges)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004CON2--Reply.pdf	151947	yes	9
			30a75f9252fe6b3e2f14d2ea90c2f71f7f43f117		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Applicant Arguments/Remarks Made in an Amendment		6	9	
	Claims		2	5	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30663	no	2
			bd29c9099eb6c4042c11753995050d7d480d1c85		
Warnings:					
Information:					
Total Files Size (in bytes):			182610		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Callister GB 2 367 210A (hereinafter "Callister").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and further in view of Bodely U.S. Patent No. 2004/0137967 (hereinafter "Bodely").

The Examiner rejected claim 30 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Without prejudice and solely in order to expedite prosecution, applicant has amended claims 27-30.

Applicant has added new claims 31-35 in order to more particularly point out and distinctly claim the subject matter that applicant regards as the invention.

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject

matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister.

The Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band.""
(Office Action, page 3)

The Examiner provided Callister. Callister alleges a single action of an incoming call.

Callister's entire specification is 13 sentences long. Callister generally just provides a picture and is silent on elements. For example, Callister is silent on what powers the Callister device. As such, Callister does not show or suggest, for example, applicant's invention of claim 15 that includes a battery. Accordingly, Callister's 13 sentences and picture is materially deficient as a reference. As such, if Callister's 13 sentences is the most material reference on record, then Callister is just further evidence of both the functional and structural differences of applicant's claim 15.

Without prejudice and solely in order to expedite prosecution, applicant has amended claim 15 to include a remote communication device configured to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event, wherein said first event

and second events are different, said communication device includes a battery, said communication device is configured to provide first user-perceivable notification signals that are dependent upon said received first communication signals and second user perceivable notification signals that are dependent upon said second communication signals.

None of the references, used either alone or in combination, show or suggest such features.

Accordingly, applicant respectfully requests that the Examiner's rejection be withdrawn.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Callister. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Kita. The Examiner rejected claims 28-29 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Bodely. The Examiner rejected 35 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

New Claims 31-35

Applicant has added new claims 31-35. As shown above, claim 15 is patentable. Claims 31-35 depend from patentable claim 15. Accordingly, applicant respectfully submits that claims 31-35 are patentable for depending from a patentable base claim.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (currently amended) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, said communication device includes a battery, said communication device is configured to provide first user-perceivable notification signals that are dependent upon said received first communication signals and second user perceivable notification signals that are dependent upon said second communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (currently amended) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call.

28. (currently amended) The watch of claim 15, wherein said second user-perceivable signals are indicative of a calendar notification.

29. (currently amended) The watch of claim 15, wherein said second user-perceivable signals are indicative of a reminder.

30. (currently amended) The watch of claim 15, wherein said second user-perceivable signals are indicative of a missed call.

31. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification.

32. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder.

33. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a missed call.

34. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication

device is configured to receive third wireless communication signals associated with a third event.

35. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar invite.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	04/16/2019	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2656	
			MAIL DATE	DELIVERY MODE
			04/16/2019	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112(a):

(a) IN GENERAL.—The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor or joint inventor of carrying out the invention.

The following is a quotation of the first paragraph of pre-AIA 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claim 35 is rejected under 35 U.S.C. 112(a) or 35 U.S.C. 112 (pre-AIA), first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Claim 35 recites: The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a

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calendar invite. Applicant's specification does not have support for claim

limitation underlined above.

Claim Rejections - 35 USC § 103

4. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 15, 19, 21, 23, 25, 27, 28-29, 31-32, 34-35 is/are rejected under pre-

AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US

2002/0068600A1, hereinafter Chihara) in view of Callister (GB 2 367 210 A) and Pinsky et al. (US 2004/0204044A1, hereinafter Pinsky).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive first wireless communication signals associated with a first event (paragraph: 0062) from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide first user-perceivable notification signals that are dependent upon the received first communication signals (paragraph: 0062).

Chithara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band; and second wireless communication signals are associated with a second event from

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said mobile telephonic device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals.

However, Callister discloses watch with built-in call annunciation and phone locationing features which teaches: a second watch band, a buckle, wherein the buckle is coupled to the second watch band as shown figure (abstract; description); and Pinsky discloses: and second wireless communication signals are associated with a second event from said device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals (fig. 1 paragraph: 0019).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Callister; and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals, as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky

Regarding claims 19, 21, 23, 25, 27, Chihhara further discloses the following: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the first user-perceivable signals are indicative of an incoming call (paragraph: 0062).

Chihara differs from claims 28-29 in that he does not specifically disclose: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder.

However, Pinsky discloses: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder (abstract: paragraphs: 0025)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Chihara differs from claims 31-32, 34-35 in that he does not specifically disclose: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar invite.

However, Pinsky discloses: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are

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indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar invite (abstract; paragraphs: 0006; 0018-0020).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar invite as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

6. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367)

The combination differs from claims 20, 22, 24 in that it does not specifically disclose: wherein the user-perceivable notification signals comprise

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audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

7. Claims 30, 33 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claims 30, 33 in that it discloses first user-perceivable are indicative of incoming call (paragraph: 0062 of '600 and

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paragraph: 0019 of '044), it does not specifically disclose: wherein said second user-perceivable signals are indicative of a missed call.

However, However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls, thus enhancing user convenience as taught by Oueslati.

Response to Arguments

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will

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the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on Flexible.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 28098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system,

Art Unit: 2656

contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2656

<i>Notice of References Cited</i>	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20020068600-A1	06-2002	Chihara, Hiroyuki	H04B1/385	455/557
*	B	US-20040204044-A1	10-2004	Pinsky, Maria	H04M1/575	455/556.1
*	C	US-5960367-A	09-1999	Kita; Kazunori	H04B1/38	455/11.1
*	D	US-6906701-B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
*	N	GB-2367210-A	03-2002	GB	CALLISTER SCOTT	G08B5/228
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20190409

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC - Searched*		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk
Search updated		09/13/2018	mrk
Search updated		04/09/2019	mrk

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

Search Notes		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk
WEST database	09/13/2018	mrk
WEST database	04/09/2019	mrk

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	
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	15	✓	✓	✓	✓	✓	✓	✓	✓	
	16	✓	-	-	-	-	-	-	-	
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	19	✓	✓	✓	✓	✓	✓	✓	✓	
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	26	✓	✓	✓	✓	✓	✓	✓	✓	
	27	✓	✓	✓	✓	✓	✓	✓	✓	
	28	✓	✓	✓	✓	✓	✓	✓	✓	
	29	✓	✓	✓	✓	✓	✓	✓	✓	
	30	✓	✓	✓	✓	✓	✓	✓	✓	
	31								✓	
	32								✓	
	33								✓	
	34								✓	
	35								✓	

WEST Search History for Application 14172884

Creation Date: 2019040908:35

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030410	DWPI	10	OR	YES		09-13-2018
(calendar and appointments and calls) same (wireless same notifications) and @ad<20030314	PGPB, USPT	9	OR	YES		04-09-2019



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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
			☐ Credit			

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL **(Submitted Only via EFS-Web)**

Application Number	14172884	Filing Date	2014-02-04	Docket Number (if applicable)	JDM/004CON2	Art Unit	2656
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Melus Ramakrishnaiah		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
 Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

☒ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

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Applicant Signature			
Applicant 1		Remove	
Signature	Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2019-10-16
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claim 35 under 35 U.S.C. 112(a) for failing to comply with the enablement requirement.

The Examiner rejected claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Callister GB 2 367 210A (hereinafter "Callister") and further in view of Pinsky (hereinafter US Patent Application No. 2004/0204044 (hereinafter "Pinsky")).

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claim 30 and 33 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and further in view of Pinsky and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Without prejudice and solely in order to expedite prosecution, applicant has amended claim 35.

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response To The 112 Rejections

The Examiner rejected claim 35 under 35 U.S.C. 112(a) for failing to comply with the enablement requirement.

The Examiner requested support for the calendar invite of claim 35. See *Office Action*, page 3.

Without prejudice and solely in order to expedite prosecution, application has amended claim 35 to include a calendar event. Support is provided throughout applicant's specification including, for example, paragraph 8.

Applicant directs the Examiner's attention to page 1.

Accordingly, in light of the foregoing, applicant respectfully requests the Examiner's rejection be withdrawn.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister and in view of Pinsky.

The Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band."
(Office Action, page 3)

The Examiner provided Callister. Callister alleges a single action of an incoming call.

Callister's entire specification is 13 sentences long. Callister generally just provides a picture and is silent on elements. For example, Callister is silent on what powers the Callister device. As such, Callister does

not show or suggest, for example, applicant's invention of claim 15 that includes a battery. Accordingly, Callister's 13 sentences and picture is materially deficient as a reference. As such, if Callister's 13 sentences is the most material reference on record, then Callister is just further evidence of both the functional and structural differences of applicant's claim 15.

Without prejudice and solely in order to expedite prosecution, applicant previously amended claim 15 to include a remote communication device configured to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event.

None of the references, used either alone or in combination, show or suggest such features. The Examiner added Pinsky to correct for these deficiencies. The Examiner stated:

"Pinsky discloses: and second wireless communication signals are associated with a second event ... wherein the first event and second event are different""
(Office Action, page 4)

Pinsky, however, cannot correct for the deficiencies of the 13 sentence Callister disclosure. First, as shown above, Callister doesn't have almost any of the elements of claim 15 - if holistically any of the elements of claim 15. Pinsky would need to be a comparable device, which it is not.

Pinsky, however, merely suggests a pen. Pinsky goes to great length to talk about utensils such as a pen but does not discuss a watch - let alone the watch of claim 15. A pen cannot be combined with a watch. There is no teaching or motivation or ability to combine the

referneces. Claim 15 not only includes a watch - but a watch band, second watch band, and buckle. Pinsky merely discusses a pen.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Callister and Pinsky. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Pinsky and Kita. The Examiner rejected 30 and 33 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a remote communication device configured to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, said communication device includes a battery, said communication device is configured to provide first user-perceivable notification signals that are dependent upon said received first communication signals and second user perceivable notification signals that are dependent upon said second communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said remote communications device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said remote communication device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said remote communications device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a missed call.

31. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification.

32. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder.

33. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a missed call.

34. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-

perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event.

35. (currently amended) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message ~~reminder~~, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event ~~invite~~.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 October 16, 2019
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time is applicable hereto filed herewith. In response to the Office Action dated September 19, 2019, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	950	950
Total in USD (\$)				1650

Electronic Acknowledgement Receipt	
EFS ID:	37467035
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	16-OCT-2019
Filing Date:	04-FEB-2014
Time Stamp:	02:04:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1650
RAM confirmation Number	E20190F306436929
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
37 CFR 1.21 (Miscellaneous fees and charges)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-004CON2--RCE.pdf	697796	no	3
			ec1a8ed456eb0814de808a2f781d66a296e1692f		
Warnings:					
Information:					
2		JDM-004CON2--Reply.pdf	132150	yes	10
			b0ba38928a168c1ea63111386e17e262ba34ead5		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Applicant Arguments/Remarks Made in an Amendment		6	10	
	Claims		2	5	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32630	no	2
			8e2d3f52e6e5126dc2436f3bbcdcd4a85bb33f4b		
Warnings:					
Information:					
Total Files Size (in bytes):			862576		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*	x \$40 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*	x \$210 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	10/16/2019	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	* 18	Minus	** 20	= 0	x \$50 =		0		
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$230 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		0			
AMENDMENT		(Column 1)	(Column 2)	(Column 3)						
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE					
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/KIMBERLY N PANNELL/					
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	10/31/2019	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2656	
			MAIL DATE	DELIVERY MODE
			10/31/2019	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10-16-19 has been entered.

Claim Rejections - 35 USC § 103

3. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, 34-35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Callister (GB 2 367 210 A) and Pinsky et al. (US 2004/0204044A1, hereinafter Pinsky).

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Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and a remote communication device (12, figs. 1-2) configured to receive first wireless communication signals associated with a first event (paragraph: 0062) from the mobile telephone device (11, figs. 1-2), wherein the communication device includes a battery (58, fig. 2), the communication device is configured to provide first user-perceivable notification signals that are dependent upon the received first communication signals (paragraph: 0062).

Chithara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band; and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals.

However, Callister discloses watch with built-in call annunciation and phone locationing features which teaches: a second watch band, a buckle, wherein the buckle is coupled to the second watch band as shown figure (abstract; description); and Pinsky discloses: and second wireless communication signals are associated with a second event from said device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals (fig. 1 paragraph: 0019).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Callister; and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals, as this arrangement would facilitate the

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user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Regarding claims 19, 21, 23, 25, 27, Chihhara further discloses the following: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the remote communication device further comprises a display (44, figs. 2, 4, 8, 15), wherein the remote communication device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the remote communication device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the first user-perceivable signals are indicative of an incoming call (paragraph: 0062).

Chihara differs from claims 28-29 in that he does not specifically disclose: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder.

However, Pinsky discloses: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder (abstract: paragraphs: 0025)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Chihara differs from claims 31-32, 34-35 in that he does not specifically disclose: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a

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reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event.

However, Pinsky discloses: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event (abstract; paragraphs: 0006; 0018-0020).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said remote communication device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message,

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said remote communication device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

5. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 in that it does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the remote communication device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the remote communication device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a remote communication device comprising a vibrator.

However, Kita discloses: a remote communication device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following:

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a remote communication device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

6. Claims 30, 33 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claims 30, 33 in that it discloses first user-perceivable are indicative of incoming call (paragraph: 0062 of '600 and paragraph: 0019 of '044), it does not specifically disclose: wherein said second user-perceivable signals are indicative of a missed call.

However, However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls, thus enhancing user convenience as taught by Oueslati.

Response to Arguments

Applicant's arguments filed on 10-16-19 have been fully considered but they are not persuasive as detailed below.

In view of amendment to claim 35, 35 U.S.C 112 (a) rejection of claim 35 is withdrawn.

Rejection of claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, 34-35 under 35

U.S.C. 103(a) as being obvious over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Callister (GB 2 367 210 A) and Pinsky et al. (US 2004/0204044A1, hereinafter Pinsky): regarding rejection of these claims, Applicant refers to Callister reference and states it is silent on what powers the Callister device, and as such Callister does not show or suggest, for example, applicant's invention of claim 15 that includes battery. Regarding this, Examiner respectfully disagrees with this reasoning by the applicant. Callister clearly teaches: when an incoming call is detected, the mobile phone sends a signal to the watch's receiver informing it of the incoming call. In response to reception of the signal, the watch vibrates and may also flash to indicate to the wearer their phone has received an incoming call (see abstract). In order to do this, it is clear watch will have some kind of power source such as battery.

Applicant further argues about Pinsky and its teachings with reference to rejection of claim 15 and states none of the references, used either alone or in combination, show or suggest applicant's claim 15 and any claims dependent therefrom and hence rejection of claims be withdrawn.

Applicant's arguments about claim rejections tantamount to arguing against references individually. **One cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references.** *In reKeller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In reMerck & Co., Inc.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).

Applicant's further arguments of dependent claims 15, 17, 21, 23, 25, 27, 30 under 35 U.S.C 103(a) are tied to independent claim 15 being patentable which is not as set forth above.

In light of above explanation, rejection of claims 15, 19-35 is maintained.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on Flexible.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 28098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you

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Art Unit: 2656

would like assistance from a USPTO Customer Service Representative or access to

the automated information system, call 800-786-9199 (IN USA OR CANADA) or

571-272-1000.

/MELUR RAMAKRISHNAIAH/

Primary Examiner, Art Unit 2656

<i>Notice of References Cited</i>	Application/Control No. 14/172,884		Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH		Art Unit 2656	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20020068600-A1	06-2002	Chihara, Hiroyuki	H04B1/385	455/557
*	B	US-20040204044-A1	10-2004	Pinsky, Maria	H04M1/575	455/556.1
*	C	US-5960367-A	09-1999	Kita; Kazunori	H04B1/38	455/567
*	D	US-6906701-B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
*	N	GB-2367210-A	03-2002	GB	CALLISTER SCOTT	G08B5/228
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20191020

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

CPC - Searched*		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk
Search updated		09/13/2018	mrk
Search updated		04/09/2019	mrk
Search updated		10/20/2019	mrk

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

Search Notes		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk
WEST database	09/13/2018	mrk
WEST database	04/09/2019	mrk
West database	10/20/2019	mrk

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2656

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	10/20/2019
	1	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	
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	13	-	-	-	-	-	-	-	-	
	14	-	-	-	-	-	-	-	-	
	15	✓	✓	✓	✓	✓	✓	✓	✓	✓
	16	✓	-	-	-	-	-	-	-	-
	17	✓	-	-	-	-	-	-	-	-
	18	✓	-	-	-	-	-	-	-	-
	19	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	21	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	25	✓	✓	✓	✓	✓	✓	✓	✓	✓
	26	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	29	✓	✓	✓	✓	✓	✓	✓	✓	✓
	30	✓	✓	✓	✓	✓	✓	✓	✓	✓
	31								✓	✓
	32								✓	✓
	33								✓	✓
	34								✓	✓
	35								✓	✓

WEST Search History for Application 14172884

Creation Date: 2019102006:59

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030410	DWPI	10	OR	YES		09-13-2018
(calendar and appointments and calls) same (wireless same notifications) and @ad<20030314	PGPB, USPT	9	OR	YES		04-09-2019
(incom\$ near1 call near1 noti\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	8	OR	YES		10-19-2019
(incom\$ near1 call and alert\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	4	OR	YES		10-19-2019
(income\$ near1 call) same (alert\$) and @ad<20130314	PGPB, USPT	4	OR	YES		10-20-2019



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2656	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
				☐ Credit		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 April 30, 2020
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time is applicable hereto filed herewith. In response to the Office Action dated October 30, 2019, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (currently amended) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a ~~remote communication~~ device operable configured to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, said ~~communication~~ device includes a battery, said ~~communication~~ device is operable configured to provide first user-perceivable notification signals that are dependent upon said received first communication ~~signals~~ signals, and said device is operable to provide ~~and~~ second user perceivable notification signals that are dependent upon said second communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (currently amended) The watch of claim 15, wherein said ~~remote communications~~ device further comprises a display.

22. (currently amended) The watch of claim 15, wherein said ~~remote communications~~ device further comprises a vibrator.

23. (currently amended) The watch of claim 15, wherein said ~~remote communications~~ device further comprises a speaker.

24. (currently amended) The watch of claim 15, wherein said ~~remote communications~~ device further comprises an LED.

25. (currently amended) The watch of claim 15, wherein said ~~remote communications~~ device further comprises control circuitry, an input device, and memory.

26. (currently amended) The watch of claim 15, wherein said ~~remote communications~~ device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a missed call.

31. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification.

32. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder.

33. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a missed call.

34. (currently amended) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said ~~remote communications~~ device is configured to receive third wireless communication signals associated with a third event.

35. (currently amended) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said ~~remote communications~~ device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Callister GB 2 367 210A (hereinafter "Callister") and further in view of Pinsky (hereinafter US Patent Application No. 2004/0204044 (hereinafter "Pinsky").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claim 30 and 33 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and further in view of Pinsky and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Without prejudice and solely in order to expedite prosecution, applicant has amended claims 15, 21-26, and 34-35.

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister and in view of Pinsky.

The Examiner stated that Callister implies a battery. See Office Action, Page 8. Albeit, Callister is silent on source of power (e.g., wireless, battery, etc.) applicant's claim 15 includes a first band, second band and a device with a battery. If the Examiner implies a battery, the Examiner cannot imply the location of that battery. A battery in a band, for example, is different than a battery not in that band. Accordingly, for at least this reason, applicant respectfully submits that claim 15 is patentable and the rejection be withdrawn.

Furthermore, the Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band."
(Office Action, page 3)

"Chihara ... does not explicitly disclose ... second wireless communication signals ... associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and said second user perceivable notification signals that are dependent upon said second communication signals" (Office Action, page 3)

Callister does not correct for these numerous deficiencies. Callister's 13 sentence abstract thought and, as such, is uncombinable with any reference.

That said, Callister, like Chihara does not show or suggest applicant's claim 15 of a watch and second signals associated with a second event where the first and second event are different and second user perceivable notification signals.

Callister, however, only alleges a single thought "when a call comes in ... it just vibrates on your watch ... the phone sends a message via radio waves ... when your phone receives an incoming call." (See Callister).

Accordingly, neither Callister nor Chihara, used either alone or in combination, show or suggest applicant's feature of claim 15 of a watch and signals of a first and second event and user perceivable signals of a first and second event.

The Examiner added Pinsky to correct for these deficiencies. The Examiner stated:

"Pinsky discloses: and second wireless communication signals are associated with a second event ... wherein the first event and second event are different ...""
(Office Action, page 4)

Pinsky, however, merely suggests a pen. Pinsky goes to great length to talk about utensils such as a pen and is completely silent on a watch - let alone the watch with the features of claim 15. A pen is not a watch. There is no teaching or motivation or ability to combine the references.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Callister and Pinsky. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being

unpatentable over Chihara and Callister in view of Pinsky and Kita. The Examiner rejected 30 and 33 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt	
EFS ID:	39320169
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	30-APR-2020
Filing Date:	04-FEB-2014
Time Stamp:	17:53:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$700
RAM confirmation Number	E20204TH53294209
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
37 CFR 1.21 (Miscellaneous fees and charges)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004CON2--Reply.pdf	146294	yes	9
			fd968400197a2ee0fe889757be418feedf4f75		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	5	
	Applicant Arguments/Remarks Made in an Amendment		6	9	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30662	no	2
			6ff50bcb787c3b00e821ce3f77ea0e6300964ae5		
Warnings:					
Information:					
Total Files Size (in bytes):			176956		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*	x \$40 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*	x \$210 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	04/30/2020	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	* 18	Minus	** 20	= 0	x \$50 =		0		
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$230 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		0			
AMENDMENT		(Column 1)	(Column 2)	(Column 3)						
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE					
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/MONICA D FRANCIS/					
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed		
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*	x \$40 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*	x \$210 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	05/01/2020	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	* 18	Minus	** 20	= 0	x \$50 =		0		
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$230 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		0			
AMENDMENT		(Column 1)	(Column 2)	(Column 3)						
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE					
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/MONICA D FRANCIS/					
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	06/11/2020	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2651	
			MAIL DATE	DELIVERY MODE
			06/11/2020	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 4-30-20.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 15 and 19-35 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 15 and 19-35 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____.
- 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 4) ☐ Other: ____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 11-13)

Office Action Summary

Part of Paper No./Mail Date 20200604

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, 34-35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Callister (GB 2 367 210 A) and Pinsky et al. (US 2004/0204044A1, hereinafter Pinsky).

Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and device (12, figs. 1-2) operable to receive first wireless communication signals associated with a first event (paragraph: 0062) from the mobile telephone device (11, figs. 1-2), wherein the device includes a battery (58, fig. 2), the communication device is configured to provide first user-perceivable notification signals that are dependent upon the received first communication signals (paragraph: 0062).

Chithara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band; and

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second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and the device is operable to provide second user perceivable notification signals that are dependent upon said second communication signals.

However, Callister discloses watch with built-in call annunciation and phone locationing features which teaches: a second watch band, a buckle, wherein the buckle is coupled to the second watch band as shown figure (abstract; description); and Pinsky discloses: and second wireless communication signals are associated with a second event from said device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals (fig. 1 paragraph: 0019).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Callister; and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Regarding claims 19, 21, 23, 25, 27, Chihhara further discloses the following: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the device further comprises a display (44, figs. 2, 4, 8, 15), wherein the device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the first user-perceivable signals are indicative of an incoming call (paragraph: 0062).

Chihara differs from claims 28-29 in that he does not specifically disclose: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder.

However, Pinsky discloses: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder (abstract: paragraphs: 0025)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Chihara differs from claims 31-32, 34-35 in that he does not specifically disclose: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event.

However, Pinsky discloses: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative

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of a reminder, and said device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event (abstract; paragraphs: 0006; 0018-0020).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

3. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 in that it does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a device comprising a vibrator.

However, Kita discloses: a device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a device comprising a vibrator as this arrangement would provide other well-known notification mechanism for notifying the user of an incoming call as taught by Kita.

4. Claims 30, 33 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claims 30, 33 in that it discloses first user-perceivable are indicative of incoming call (paragraph: 0062 of '600 and

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paragraph: 0019 of '044), it does not specifically disclose: wherein said second user-perceivable signals are indicative of a missed call.

However, However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls, thus enhancing user convenience as taught by Oueslati.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

--(US 2002/0058500A1) to Higuchi et al. discloses: Response message transmitter and response message transmitting method in cellular mobile telephone apparatus and recording medium recording program for executing the method which teaches: [0090] Additionally, as an alternative form of this embodiment, the incoming call communicator 2 may be incorporated in a wristwatch to further improve the operability. Since the wristwatch or the like can be directly mounted on a human body, vibrations generated by the vibrator can be advantageously sensed without fail when an incoming call is notified through the vibrations. Also, when a response is made to the notification, the user can manipulate the incoming call communicator 2 without looking for it. Thus, even when the user is driving a

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vehicle or the like, by way of example, the user can manipulate the incoming call communicator without interfering with the driving.

--(US2001/0007817A1) to Odagiri et al. discloses: Information processor, information processing method, and computer-readable recording medium on which a program for making a computer perform a process based on the method is recorded which teaches: An information processor capable of recognizing whether the possessor (user) of the information processor is carrying the information processor or located in the vicinity of the information processor. The information processor performs a suitable processing operation according to the possessor's (user's) carrying or non-carrying condition. The information processor has a transmitting section to transmit a signal receivable only in the range of a predetermined distance to a wristwatch type information processor previously assigned, a receiving section to receive a signal sent from the wristwatch type information processor in response to the signal transmitted by the transmitting section, a decision section to make a determination as to whether the reply signal has been received by the receiving section, and a processing operation control section to execute a predetermined processing operation depending upon the result of the determination made by the decision circuit.

Response to Arguments

Applicant's arguments filed on 4-30-20 have been fully considered but they are not persuasive as set forth here.

Rejection of claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister and in view of Pinsky: Applicant argues that "The Examiner stated that Callister implies a battery. See Office Action, Page 8. Albeit, Callister is silent on source of power (e.g., wireless, battery, etc.) applicant's claim 15 includes a first band, second band and a device with a battery. If the Examiner implies a battery, the Examiner cannot imply the location of that battery A battery in a band, for example, is different than a battery not in that band".

Regarding this, Examiner respectfully disagrees with this reasoning by the applicant. Callister clearly teaches: when an incoming call is detected, the mobile phone sends a signal to the watch's receiver informing it of the incoming call. In response to reception of the signal, the watch vibrates and may also flash to indicate to the wearer their phone has received an incoming call (see abstract). In order to do this, it is clear watch will have some kind of power source such as battery.

Regarding this examiner would like to point out that main reference Chihara includes a battery 58 (fig. 2) in a device. It is clearly set forth in the office action above.

Applicant's other arguments relate to arguing individual references. Applicant's arguments about claim rejections tantamount to arguing against references individually. **One cannot show nonobviousness by attacking references individually where**

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the rejections are based on combinations of references. *In reKeller*, 642 F.2d 413, 208 USPQ 871 (CCP A 1981); *In reMerck & Co., Inc.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).

Applicant's further arguments of dependent claims 15, 17, 21, 23, 25, 27, 30 under 35 U.S.C 103(a) are tied to independent claim 15 being patentable which is not as set forth above.

In light of above explanation, rejection of claims 15, 19-35 is maintained.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on Flexible.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc M Nguyen can be reached on 27503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <https://ppair-my.uspto.gov/pair/PrivatePair>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service

Application/Control Number: 14/172,884

Page 12

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Representative or access to the automated information system, call 800-786-9199

(IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/

Primary Examiner, Art Unit 2651

<i>Notice of References Cited</i>	Application/Control No. 14/172,884		Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH		Art Unit 2651	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20020068600-A1	06-2002	Chihara, Hiroyuki	H04M1/576	455/557
*	B	US-20040204044-A1	10-2004	Pinsky, Maria	H04M19/04	455/556.1
*	C	US-5960367-A	09-1999	Kita; Kazunori	H04B1/38	455/567
*	D	US-6906701-B1	06-2005	Oueslati; Hatem	G06F3/04895	341/22
*	E	US-20020058500-A1	05-2002	Higuchi, Kazutoshi	H04M19/04	455/412.2
*	F	US-20010007817-A1	07-2001	Odagiri, Hiroshi	H04M1/7253	455/421
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
*	N	GB-2367210-A	03-2002	GB	CALLISTER SCOTT	
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20200604

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	10/20/2019
	1	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	
	5	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	
	7	-	-	-	-	-	-	-	-	
	8	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	
	10	-	-	-	-	-	-	-	-	
	11	-	-	-	-	-	-	-	-	
	12	-	-	-	-	-	-	-	-	
	13	-	-	-	-	-	-	-	-	
	14	-	-	-	-	-	-	-	-	
	15	✓	✓	✓	✓	✓	✓	✓	✓	✓
	16	✓	-	-	-	-	-	-	-	-
	17	✓	-	-	-	-	-	-	-	-
	18	✓	-	-	-	-	-	-	-	-
	19	✓	✓	✓	✓	✓	✓	✓	✓	✓
	20	✓	✓	✓	✓	✓	✓	✓	✓	✓
	21	✓	✓	✓	✓	✓	✓	✓	✓	✓
	22	✓	✓	✓	✓	✓	✓	✓	✓	✓
	23	✓	✓	✓	✓	✓	✓	✓	✓	✓
	24	✓	✓	✓	✓	✓	✓	✓	✓	✓
	25	✓	✓	✓	✓	✓	✓	✓	✓	✓
	26	✓	✓	✓	✓	✓	✓	✓	✓	✓
	27	✓	✓	✓	✓	✓	✓	✓	✓	✓
	28	✓	✓	✓	✓	✓	✓	✓	✓	✓
	29	✓	✓	✓	✓	✓	✓	✓	✓	✓
	30	✓	✓	✓	✓	✓	✓	✓	✓	✓
	31								✓	✓
	32								✓	✓
	33								✓	✓
	34								✓	✓
	35								✓	✓

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

CPC - Searched*		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk
Search updated		09/13/2018	mrk
Search updated		04/09/2019	mrk
Search updated		10/20/2019	mrk
Search updated		06/04/2020	mrk

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk
WEST database	09/13/2018	mrk
WEST database	04/09/2019	mrk
West database	10/20/2019	mrk
WEST database	06/04/2020	mrk

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2651	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
				☐ Credit		

WEST Search History for Application 14172884

Creation Date: 2020060407:52

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030410	DWPI	10	OR	YES		09-13-2018
(calendar and appointments and calls) same (wireless same notifications) and @ad<20030314	PGPB, USPT	9	OR	YES		04-09-2019
(incom\$ near1 call near1 noti\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	8	OR	YES		10-19-2019
(incom\$ near1 call and alert\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	4	OR	YES		10-19-2019
(income\$ near1 call) same (alert\$) and @ad<20130314	PGPB, USPT	4	OR	YES		10-20-2019
(incom\$ near1 call) same ((alert\$ or notify\$) and wrist) and @ad<20030314	PGPB, USPT	16	OR	YES		06-04-2020

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL **(Submitted Only via EFS-Web)**

Application Number	14172884	Filing Date	2014-02-04	Docket Number (if applicable)	JDM/004CON2	Art Unit	2656
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Melus Ramakrishnaiah		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
 Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

☒ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Applicant Signature			
Applicant 1		Remove	
Signature	Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2020-12-11
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 December 11, 2020
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time is applicable hereto filed herewith. In response to the Office Action dated October 30, 2019, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (previously presented) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a device operable to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, said device includes a battery, said device is operable to provide first user-perceivable notification signals that are dependent upon said received first communication signals, and said device is operable to provide second user perceivable notification signals that are dependent upon said second communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a missed call.

31. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification.

32. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder.

33. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a missed call.

34. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said device is configured to receive third wireless communication signals associated with a third event.

35. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Callister GB 2 367 210A (hereinafter "Callister") and further in view of Pinsky (hereinafter US Patent Application No. 2004/0204044 (hereinafter "Pinsky").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claim 30 and 33 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and further in view of Pinsky and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as

being obvious over Chihara in view of Callister and in view of Pinsky.

The Examiner stated:

"Callister ... may also flash"
(Office Action, page 9)

"Chihara includes a battery 58 (fig. 2) "(Office Action, page 9)

Applicant's invention of claim 15 includes a watch with a first band, a second band, a device, and battery in the device. Even if the references include a battery in a watch, the references are silent on the location of the battery within the watch. Accordingly, the combination does not show each and every element of claim 15. Plinsky does not correct for the deficiency and actually is evidence of the patentability of claim 15 as Plinsky shows a pen and merely provides evidence in favor of applicant's position by showing how references did not consider watches with applicant's features of claim 15. The references, used either alone or in combination, does not show or suggest applicant's claim of 15 that includes a watch with a device and two bands and a buckle and a battery in the device.

Furthermore, the Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band."
(Office Action, page 3)

"Chihara ... does not explicitly disclose ... second wireless communication signals ... associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and said second user perceivable notification signals that are

dependent upon said second communication signals”(Office Action, page 3)

Callister, like Chihara does not show or suggest applicant's claim 15 of a watch and second signals associated with a second event where the first and second event are different and second user perceivable notification signals. Callister only alleges a single thought “when a call comes in ... it just vibrates on your watch ... the phone sends a message via radio waves ... when your phone receives an incoming call.” (See Callister). Accordingly, neither Callister nor Chihara, used either alone or in combination, show or suggest applicant's feature of claim 15 of a watch and signals of a first and second event and user perceivable signals of a first and second event.

The Examiner added Pinsky to correct for these deficiencies. The Examiner stated:

“Pinsky discloses: and second wireless communication signals are associated with a second event ... wherein the first event and second event are different ...”
(Office Action, page 4)

Pinsky, however, merely suggests a pen. Plinsky does not correct for the deficiency and actually is evidence of the patentability of claim 15 as Plinsky shows a pen and merely provides evidence in favor of applicant's position by showing how references did not consider watches with applicant's features of claim 15. Pinsky goes to great length to talk about utensils such as a pen and is completely silent on a watch - let alone the watch with the features of claim 15. A pen is not a watch and is far removed any device or structure resembling a watch. There

is no teaching or motivation or ability to combine the references.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Callister and Pinsky. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Pinsky and Kita. The Examiner rejected 30 and 33 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	740	740
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	1000	1000
Total in USD (\$)				1740

Electronic Acknowledgement Receipt	
EFS ID:	41367935
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	11-DEC-2020
Filing Date:	04-FEB-2014
Time Stamp:	20:16:41
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$1740
RAM confirmation Number	E2020BAK17060356
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.21 (Miscellaneous fees and charges) 37 CFR 1.20 (Post Issuance fees)	

37 CFR 1.19 (Document supply fees)
37 CFR 1.17 (Patent application and reexamination processing fees)
37 CFR 1.16 (National application filing, search, and examination fees)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-004CON2--RCE.pdf	697795	no	3
			d134643f57f1818593efe70709b6b04bf7a8b49e		
Warnings:					
Information:					
2		JDM-004CON2--Reply.pdf	130416	yes	10
			6d5c13da46c30b4ad0bb4cd6313d10f5c9923b0d		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
	Claims		2	5	
	Applicant Arguments/Remarks Made in an Amendment		6	10	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32490	no	2
			c9c08ec450ed5769c6fca21a08ec4198190fc7c8		
Warnings:					
Information:					
Total Files Size (in bytes):			860701		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed		
ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA	RATE (\$)		FEE (\$)				
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A	N/A						
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A	N/A						
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A	N/A						
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*	x \$80 =						
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*	x \$420 =						
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL						
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	12/11/2020	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	* 18	Minus	** 20	= 0	x \$100 =		0		
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$480 =		0		
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
					TOTAL ADD'L FEE		0			
AMENDMENT		(Column 1)	(Column 2)	(Column 3)						
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE					
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/ALLYSON PURNELL/					
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	01/06/2021	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2651	
			MAIL DATE	DELIVERY MODE
			01/06/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 14/172,884	Applicant(s) Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on ____.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.

2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☒ Claim(s) 15 and 19-35 is/are pending in the application.

5a) Of the above claim(s) ____ is/are withdrawn from consideration.

6) ☐ Claim(s) ____ is/are allowed.

7) ☒ Claim(s) 15 and 19-35 is/are rejected.

8) ☐ Claim(s) ____ is/are objected to.

9) ☐ Claim(s) ____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10) ☐ The specification is objected to by the Examiner.

11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some** c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. ____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____.

3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.

4) ☐ Other: ____.

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions. ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12-11-20 has been entered.

Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, 34-35 is/are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara et al. (US 2002/0068600A1, hereinafter Chihara) in view of Callister (GB 2 367 210 A) and Pinsky et al. (US 2004/0204044A1, hereinafter Pinsky).

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Regarding claim 15, Chihara discloses: a watch for use with a mobile telephone device that provides notification of an incoming call, the watch comprising: a watch band (figs. 4, 8), and device (12, figs. 1-2) operable to receive first wireless communication signals associated with a first event (paragraph: 0062) from the mobile telephone device (11, figs. 1-2), wherein the device includes a battery (58, fig. 2), the communication device is configured to provide first user-perceivable notification signals that are dependent upon the received first communication signals (paragraph: 0062).

Chithara differs from claim 15 in that he does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band; and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and the device is operable to provide second user perceivable notification signals that are dependent upon said second communication signals.

However, Callister discloses watch with built-in call annunciation and phone locationing features which teaches: a second watch band, a buckle, wherein the buckle is coupled to the second watch band as shown figure (abstract; description); and Pinsky discloses: and second wireless communication signals are associated with a second event from said device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals (fig. 1 paragraph: 0019).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: further comprising: a second watch band, and a buckle, wherein the buckle is coupled to the second watch band as this arrangement would facilitate the user to adjust the watch band to suite his needs as taught by Callister; and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and second user perceivable notification signals that are dependent upon said second communication signals, as this arrangement would facilitate the

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user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Regarding claims 19, 21, 23, 25, 27, Chihhara further discloses the following: further comprising an amplifier (5321/5324/5335, fig. 10; paragraphs: 0084; 0086), wherein the device further comprises a display (44, figs. 2, 4, 8, 15), wherein the device (12, fig. 2) further comprises a speaker (paragraph: 0066), wherein the device (12, fig. 2) further comprises a control circuitry, and input device, and memory (fig. 2), wherein the first user-perceivable signals are indicative of an incoming call (paragraph: 0062).

Chihara differs from claims 28-29 in that he does not specifically disclose: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder.

However, Pinsky discloses: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder (abstract: paragraphs: 0025)

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said second user-perceivable signals are indicative of a calendar notification; wherein said second user-perceivable signals are indicative of a reminder as this arrangement would facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

Chihara differs from claims 31-32, 34-35 in that he does not specifically disclose: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a

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reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event.

However, Pinsky discloses: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event (abstract; figs. 5; paragraphs: 0006; 0018-0020; 0028).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Chihara's system to provide for the following: wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification; wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said device is configured to receive third wireless communication signals associated with a third event; wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event as this arrangement would

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facilitate the user to receive different notifications of events affecting the user, thus enhancing user convenience as taught by Pinsky.

4. Claims 20, 22, 24, 26 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Kita (US PAT: 5,960,367).

The combination differs from claims 20, 22, 24 in that it does not specifically disclose: wherein the user-perceivable notification signals comprise audible notification signals, wherein the device further: comprises a vibrator; an LED.

However, Kita teaches: wherein the user-perceivable notification signals comprise audible notification signals, wherein the device further: comprises a vibrator; an LED (col. 20, line 65 – col. 21, line 8 and fig. 24).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable notification signals comprise audible notification signals, wherein the device further: comprises a vibrator; an LED as this arrangement would provide other well-known notification mechanisms for notifying the user of an incoming call as taught by Kita.

The combination differs from claim 26 in that although he discloses: wherein the device (12, fig. 2) further comprises a display (44, figs. 4, 8), a speaker, control circuitry, an input device and memory (see fig. 2), he does not specifically disclose: a device comprising a vibrator.

However, Kita discloses: a device comprising a vibrator (col. 20, line 65 – col. 21, line 8).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: a device comprising a vibrator as this arrangement would provide other well-

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known notification mechanism for notifying the user of an incoming call as taught by Kita.

5. Claims 30, 33 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied to claim 15 above, and further in view of Oueslati et al. (US PAT: 6,906,701, filed 7-30-01, hereinafter Oueslati).

The combination differs from claims 30, 33 in that it discloses first user-perceivable are indicative of incoming call (paragraph: 0062 of '600 and paragraph: 0019 of '044), it does not specifically disclose: wherein said second user-perceivable signals are indicative of a missed call.

However, However, Oueslati teaches the following: wherein the user-perceivable signals indicative of a missed call (claim 4).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wherein the user-perceivable signals indicative of a missed call as this arrangement would facilitate the user of the communication device about missed calls, thus enhancing user convenience as taught by Oueslati.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

--(JP 2001-045111A) to Seijun discloses auxiliary device for mobile phone which teaches: PROBLEM TO BE SOLVED: To allow a user to immediately discriminate the arrival of an incoming call through the provision of vibration

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directly to an arm by not using a ring tone but by using a vibrator and to prevent surrounding people from being troubled.

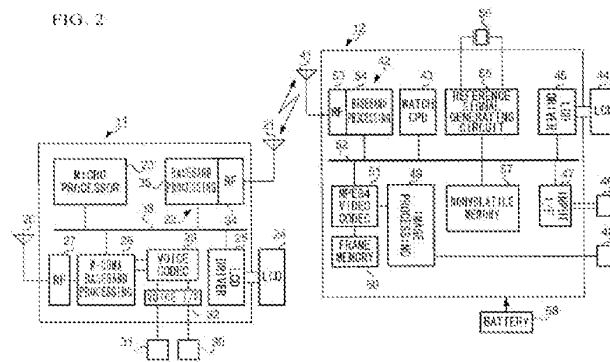
SOLUTION: A main body and an auxiliary device are used as a pair. The auxiliary device is configured to have a ringing function, a caller number display function and a voice generating function, designed compact and fitted on an arm with a band similarly to the case with a wrist watch. The band incorporates an incoming antenna and the power supply for the auxiliary device is a battery and a charging battery. A ringing tone of the mobile phone is silenced and the auxiliary device receives an incoming call. The arrival of the incoming call is noticed by giving vibration to the arm with the auxiliary device. When a caller number is displayed, the caller number is confirmed and a user informs the caller about a state of the user by means of a button operation as to whether the user can immediately make a speech with the caller or the user desires reception of a message from the caller because the user cannot accept the call right now.

Response to Arguments

7. Applicant's arguments filed 12-11-20 have been fully considered but they are not persuasive as detailed below.

[illegible]

Petitioner Apple, Inc.
Exhibit 1002 - Page 442 of 557



In light of this examiner contends that claim rejections of claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister and in view of Pinsky are proper and reasonable.

Applicant further argues that Plinsky shows a pen and merely provides evidence in favor of applicant's position by showing how references did not consider watches with applicant's features of claim 15. Examiner would respectfully disagree with applicant's logic and contends claims rejection is proper and reasonable under 35 U.S.C 103(a) rejection (see office action anbove).

Applicant further argues that Callister, like Chihara does not show or suggest applicant's claim 15 of a watch and second signals associated with a second event where the first and second event are different and second user perceivable notification signals. Callister only alleges a single thought "when a call comes in ... it just vibrates on your watch ... the phone sends a message via radio waves ... when your phone receives an incoming call." (See Callister). Accordingly,

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neither Callister nor Chihara, used either alone or in combination, show or suggest applicant's feature of claim 15 of a watch and signals of a first and second event and user perceivable signals of a first and second event.

Examiner respectfully disagrees with applicants arguments. As set forth in the office action above, claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister and in view of Pinsky are proper and reasonable and therefore the rejection of claims maintained.

Applicant's arguments regarding rejection of dependent 20, 22, 24, 26 as being obvious over Chihara and Callister in view of Pinsky and Kita and rejection of dependent claims 33 as being obvious over Chihara and Callister in view of Queslati are tied independent claim 19 being patentable which is not as explained above.

All claims are either identical to or patentably indistinct from claims in the application prior to the entry of the submission under 37 CFR 1.114 (that is, restriction would not be proper) and all claims could have been finally rejected on the grounds and art of record in the next Office action if they had been entered in the application prior to entry under 37 CFR 1.114. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action after the filing of a request for continued examination and the submission under 37 CFR 1.114. See MPEP § 706.07(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on Flexible.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc M Nguyen can be reached on 27503. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <https://ppair-my.uspto.gov/pair/PrivatePair>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/
Primary Examiner, Art Unit 2651

<i>Notice of References Cited</i>	Application/Control No. 14/172,884		Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH		Art Unit 2651	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20020068600-A1	06-2002	Chihara, Hiroyuki	H04M1/576	455/557
*	B	US-20040204044-A1	10-2004	Pinsky, Maria	H04M19/04	455/556.1
*	C	US-5960367-A	09-1999	Kita, Kazunori	H04B1/38	455/567
*	D	US-6906701-B1	06-2005	Oueslati, Hatem	G06F3/04895	341/22
	E					
	F					
	G					
	H					
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	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
*	N	GB-2367210-A	03-2002	GB	CALLISTER SCOTT	G08B6/00
	O	JP-2001045111-A	10- 200	JP	OI, SEIJUN	
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20210103

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	10/20/2019
	1	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	
	5	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	
	7	-	-	-	-	-	-	-	-	
	8	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	
	10	-	-	-	-	-	-	-	-	
	11	-	-	-	-	-	-	-	-	
	12	-	-	-	-	-	-	-	-	
	13	-	-	-	-	-	-	-	-	
	14	-	-	-	-	-	-	-	-	
	15	✓	✓	✓	✓	✓	✓	✓	✓	✓
	16	✓	-	-	-	-	-	-	-	-
	17	✓	-	-	-	-	-	-	-	-
	18	✓	-	-	-	-	-	-	-	-
	19	✓	✓	✓	✓	✓	✓	✓	✓	✓
	20	✓	✓	✓	✓	✓	✓	✓	✓	✓
	21	✓	✓	✓	✓	✓	✓	✓	✓	✓
	22	✓	✓	✓	✓	✓	✓	✓	✓	✓
	23	✓	✓	✓	✓	✓	✓	✓	✓	✓
	24	✓	✓	✓	✓	✓	✓	✓	✓	✓
	25	✓	✓	✓	✓	✓	✓	✓	✓	✓
	26	✓	✓	✓	✓	✓	✓	✓	✓	✓
	27	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	29	✓	✓	✓	✓	✓	✓	✓	✓	✓
	30	✓	✓	✓	✓	✓	✓	✓	✓	✓
	31								✓	✓
	32								✓	✓
	33								✓	✓
	34								✓	✓
	35								✓	✓

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

CPC - Searched*		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

US Classification - Searched*			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk
Search updated		09/13/2018	mrk
Search updated		04/09/2019	mrk
Search updated		10/20/2019	mrk
Search updated		06/04/2020	mrk
Search updated		01/02/2021	mrk

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

Search Notes		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk
WEST database	09/13/2018	mrk
WEST database	04/09/2019	mrk
West database	10/20/2019	mrk
WEST database	06/04/2020	mrk
WEST database	01/02/2021	mrk

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

AUXILIARY DEVICE FOR MOBILE PHONE

Assignee: OI SEIJUN (大井 清順 591075652)千葉県佐倉市中志津 7 丁目 21 番 13 号

Inventor: OI SEIJUN (大井 清順)千葉県佐倉市中志津 7 丁目 21 番 13 号

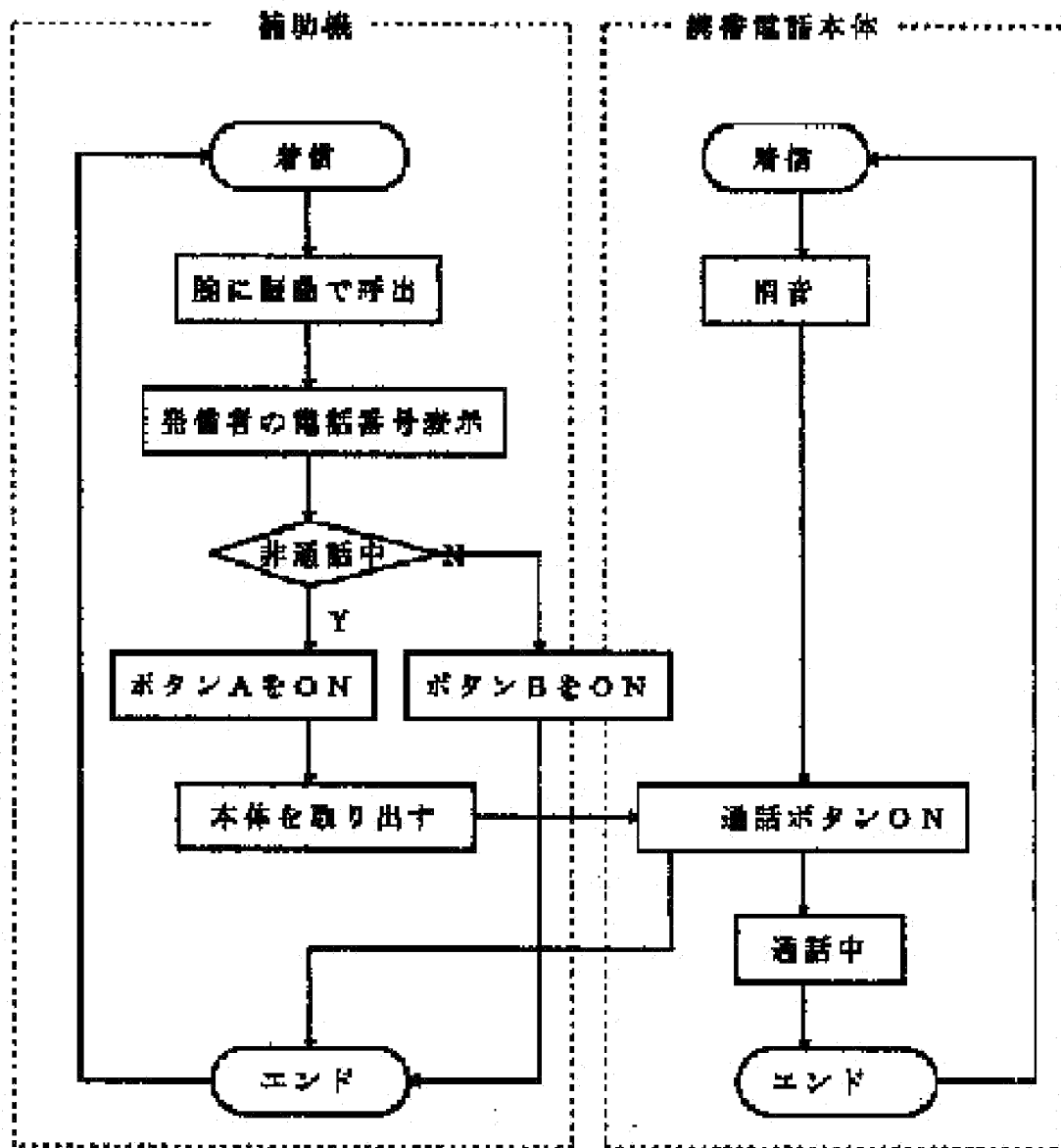
Publication info: OI SEIJUN (Inventor). OI SEIJUN (Assignee). JP 2001045111 A . (Published 16 Feb 2001).

[ProQuest document link](#)

Abstract (English): **PROBLEM TO BE SOLVED:** To allow a user to immediately discriminate the arrival of an incoming call through the provision of vibration directly to an arm by not using a ring tone but by using a vibrator and to prevent surrounding people from being troubled.

SOLUTION: A main body and an auxiliary device are used as a pair. The auxiliary device is configured to have a ringing function, a caller number display function and a voice generating function, designed compact and fitted on an arm with a band similarly to the case with a wrist watch. The band incorporates an incoming antenna and the power supply for the auxiliary device is a battery and a charging battery. A ringing tone of the mobile phone is silenced and the auxiliary device receives an incoming call. The arrival of the incoming call is noticed by giving vibration to the arm with the auxiliary device. When a caller number is displayed, the caller number is confirmed and a user informs the caller about a state of the user by means of a button operation as to whether the user can immediately make a speech with the caller or the user desires reception of a message from the caller because the user cannot accept the call right now.

Front page drawing:



Publication number: JP 2001045111 A (16 February 2001)

Application number: JP 1999241988 A (26 July 1999)

Priority number: JP 1999241988 A (26 July 1999)

IPC classification: Version 8:H04M 1/00 (main); H04W 92/18Version 1-7:H04M 1/00 (main); H04Q 7/38 IPC version 8:

Class code	Level	Value	Position	Status	Version	Action	Source	Office
H04M 1/00	A	I	F	R	20060101	20051220	M	JP
H04W 92/18	A	I	L	R	20090101	20130422	H	JP

IPC (versions 1-7):

Class code	Rank	Version	Type
H04M 1/00	A	7	Main
H04Q 7/38	B	7	

JP classification FI-term: H04M 1/00 K (main); H04M 1/00 V; H04B 7/26 109L

JP classification F-term: 5K027/AA11; 5K027/CC08; 5K027/FF03; 5K027/FF21; 5K027/FF22; 5K027/FF25; 5K027/FF30; 5K027/HH23; 5K027/HH27; 5K067/AA21; 5K067/BB04; 5K067/EE03; 5K067/FF13; 5K067/FF28; 5 K127/AA24; 5K127/BA03; 5K127/BB17; 5K127/CB37; 5K127/GB34

Publication language: Japanese

Application language: Japanese

Document features: 3 citing patents; 1; 1 claims; 1 legal status entries

Word count: 747

Source attribution: Japan Patents Fulltext, © Publisher specific

Accession number: JP2001045111A

Document URL:

<https://dlabq.proquest.com/professional/docview/1361876987?accountid=131444> First available:

2013-07-04

Updates: 2013-07-042013-07-232013-07-312015-11-022016-11-292017-07-302019-07-062020-02-192020-10-

25

Database: Japan Patents Fulltext (1913 - current)

Claims:

English (machine translation):

[Claim 1] of the body part of the mobile phone Facsimil4e creates other auxiliary machines, the auxiliary machines mounted on the arm, the vibrations of the incoming auxiliary machine is notified.

Legal status:

Gazette Date	Description
2001 Feb 16	Date of publication of unexamined document not granted on or before said date.

Specification:

English (machine translation):

DESCRIPTION

0001 : technical field: The present invention relates to a cellular phone, particularly changes in incoming sound, to provide an improved method for incoming auxiliary machine.

0002 : prior art: Conventional mobile phone call a melody sound such as a buzzer or a general method for reporting, or in a train of sound and meeting misdialing around many people nearby. Particularly in a handbag or briefcase portable telephone is put in such a case, the sound is heard or the portable telephone is s17:, others of which determines whether s17: Is not at once, it takes much time, cause annoying to people.

0003 : problems to be solved by the invention: Such a reason, incoming sound when vibrated by the vibrator arm without directly, and to judge immediately, since only an individual only, not all of the serviceable.

0004 : means for solving the problems: The above-mentioned arrangement, the vibrator applies vibrations to the arm of the person in question, Facsimil4e part · vibration function part and a transmission part, and other items conditions, in addition to the main and auxiliary machine function, the same and similar wrist band attached to the arm.

0005 : operation: Of the present invention and to explain the action, the elimination of the portable telephone dial tone of incoming suspended.then state, to receive the incoming auxiliary machine. The auxiliary machine incoming vibration is applied to the arm. A number of the display if, a number of the immediate call can confirm whether, since corresponding now cannot ask whether a message, by operating a button on the transmitter's situations. When the corresponding can immediately, "since the outlet basin immediately, while in a" wait for transmission of voice, portable telephone call is taken. Also when the corresponding cannot immediately, to push the button B, " cannot be emitted since the message is lcd38 sound is transmitted, after messageat hearing.

0006 :

[embodiment] and the main body of the portable telephone set using a pair of auxiliary machine, since the incoming part is attached to an arm vibration occurs in a much faster speed. Since the transmitter can also inform whether or not a call button operation standby at ease. After voice informing, when time is required, a melody to flow therebetween to absorb the mood irritation. Main and auxiliary machine takes the call button returns to the wait state. The auxiliary machine so as not to disturb the antenna attached to the band. Even a simple message received. It is convenient to utilize a digital watch pfc. smart and integrated type shown in fig. 2. 0007 :

[a] even where, even during a number of people, without the ring tone is sounded and noisy, people nearby degree around can be reduced, the resulting time can place a busy. The nuisance of the cellular phone speaking feels observel even while it is useful for the incoming polypore noisy sound at the time of use in large part because of the improvement in the manner of a mobile phone.

Citing patents (3)

Publication number	Publication date
JP 2008263277 A	2008 Oct 30
US 20140357317 A1	2014 Dec 04
US 20140357317 A1	2014 Dec 04

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WEST Search History for Application 14172884

Creation Date: 2020122615:17

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030410	DWPI	10	OR	YES		09-13-2018
(calendar and appointments and calls) same (wireless same notifications) and @ad<20030314	PGPB, USPT	9	OR	YES		04-09-2019
(incom\$ near1 call near1 noti\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	8	OR	YES		10-19-2019
(incom\$ near1 call and alert\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	4	OR	YES		10-19-2019
(income\$ near1 call) same (alert\$) and @ad<20130314	PGPB, USPT	4	OR	YES		10-20-2019
(incom\$ near1 call) same ((alert\$ or notify\$) and wrist) and @ad<20030314	PGPB, USPT	16	OR	YES		06-04-2020
H04M1/725.cpc. and watch and call and @ad<20030314	PGPB, USPT	29	OR	YES		12-26-2020
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-26-2020
H04M19/04.cpc. and wrist near1 watch and @ad<20030314	PGPB, USPT	6	OR	YES		12-26-2020
(wrist near1 watch) same (communication near1 functions) and @ad<20030314	PGPB, USPT	21	OR	YES		12-26-2020
		19	OR	YES		12-26-2020

(wrist near1 watch) same (transceiver and display\$) and @ad<20030314	PGPB, USPT					



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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2651	ATTORNEY DOCKET NO. JDM/004 CON2	
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES					
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES					
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

Doc code: RCEX

PTO/SB/30EFS (10-08)

Doc description: Request for Continued Examination (RCE)

Approved for use through 11/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)**

Application Number	14172884	Filing Date	2014-02-04	Docket Number (if applicable)	JDM/004CON2	Art Unit	2656
First Named Inventor	Jeffrey D. Mullen			Examiner Name	Melus Ramakrishnaiah		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____
- ☒ Enclosed
- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

- ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- ☐ Other _____

FEES

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
- ☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to
Deposit Account No 503855

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature
☒ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (10-08)

Approved for use through 11/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Applicant Signature			
Applicant 1		Remove	
Signature	Jeffrey D. Mullen/	Date (YYYY-MM-DD)	2021-07-06
Name	Jeffrey D. Mullen		
Click ADD for additional Applicant Signature		Add	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

REMARKS/ARGUMENTS

Summary of Applicant's Amendments

The Examiner rejected claims 15, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being anticipated by Chihara U.S. Patent Application Publication No. 2002/0068600A1 (hereinafter "Chihara") in view of Callister GB 2 367 210A (hereinafter "Callister") and further in view of Pinsky (hereinafter US Patent Application No. 2004/0204044 (hereinafter "Pinsky").

The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and Pinsky as applied above and further in view of Kita U.S. Patent No. 5,960,367 (hereinafter "Kita").

The Examiner rejected claim 30 and 33 under 35 U.S.C. 103(a) as being unpatentable over Chihara in view of Callister and further in view of Pinsky and further in view of Queslati et al U.S. Patent No. 6,906,701 (hereinafter Queslati).

Summary of Applicant's Amendments

Without prejudice and solely in order to expedite prosecution, applicant has amended claims 15 and 35. No new subject matter has been added.

Applicant traverses the Examiner's rejections. Applicant reserves the right to claim any subject matter lost by any claim amendment or cancellation, or any subject matter included in the present application, in one or more continuation or divisional applications.

Applicant's Response to the 35 U.S.C. 103(a) Rejections

The Examiner rejected claims 15, 17, 19, 21, 23, 25, 27, 28-29, 31-32, and 34-35 under 35 U.S.C. 103(a) as being obvious over Chihara in view of Callister and in view of Pinsky.

Without prejudice and solely in order to expedite prosecution, applicant has amended claim 15. None of the references, used either alone or in combination show or suggest the device of claim 15 that includes includes motion sensing operable to distinguish between multiple types of motion.

Applicant's invention of claim 15 also includes a watch with a first band, a second band, a device, and battery in the device. Even if the references include a battery in a watch, the references are silent on the location of the battery within the watch.

The Examiner stated

"Callister .. it is clear battery is located in the watch body although not specifically in the diagram. Besides Chihara discloses battery for watch as shown in FIG. 2." (Office Action, page 9)

The entire specification of Callister is 22 lines of text in length. Callister is, at best, silent on the location of the Callister battery. Accordingly, the Examiner's three reference rejection is in view of Official Notice. For rejections in view of Official Notice, applicant has the right to require documentary evidence or an affidavit. Accordingly, applicant respectfully invokes applicant's right to a fourth reference that provides the element as well as a motivation to combine that does not eviscerate

the spirit of any of the individual devices or render them inoperable.

Accordingly, the combination does not show each and every element of claim 15. Pinsky does not correct for the deficiency and merely shows a pen. A pen is not a watch and putting watch bands on a pen would render the pen inoperable. Pinsky goes to great length to talk about utensils such as a pen and is completely silent on a watch - let alone the watch with the features of claim 15. The references, used either alone or in combination, does not show or suggest applicant's claim of 15 that includes a watch with a device and two bands and a buckle and a battery in the device.

Furthermore, the Examiner stated:

"Chihara ... does not explicitly disclose: a second watch band, a buckle, wherein the buckle is coupled to the second watch band."
(Office Action, page 3)

"Chihara ... does not explicitly disclose ... second wireless communication signals ... associated with a second event from said mobile telephonic device, wherein said first event and second events are different, and said second user perceivable notification signals that are dependent upon said second communication signals"(Office Action, page 3)

Callister, like Chihara does not show or suggest applicant's claim 15 of a watch and second signals associated with a second event where the first and second event are different and second user perceivable notification signals.

Callister only alleges a single action "when a call comes in ... it just vibrates on your watch ... the phone sends a message via radio waves ... when your phone receives an incoming call." (See Callister).

Accordingly, neither Callister nor Chihara, used either alone or in combination, show or suggest applicant's feature of claim 15 of a watch and signals of a first and second event and user perceivable signals of a first and second event.

The Examiner added Pinsky to correct for these deficiencies. The Examiner stated:

"Pinsky discloses: and second wireless communication signals are associated with a second event ... wherein the first event and second event are different""

(Office Action, page 4)

Pinsky does not correct for the deficiency and merely shows a pen. A pen is not a watch and putting watch bands on a pen would render the pen inoperable. Pinsky goes to great length to talk about utensils such as a pen and is completely silent on a watch - let alone the watch with the features of claim 15.

As shown above, none of the references, used either alone or in combination, show or suggest applicant's claim 15, and any claims dependent therefrom, be withdrawn. Accordingly, applicant respectfully requests that the Examiner's rejection of claim 15 be withdrawn.

The Dependent Claims

The Examiner rejected claims 15, 17, 19, 21, 23, 25, and 27 under 35 U.S.C. 103(a) as being anticipated by Chihara and Callister and Pinsky. The Examiner rejected claims 20, 22, 24, and 26 under 35 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Pinsky and Kita. The Examiner rejected 30 and 33 U.S.C. 103(a) as being unpatentable over Chihara and Callister in view of Queslati.

As shown above, claim 15 is patentable. Accordingly, applicant submits that claims 16-30 are patentable for depending from a patentable base claim. In light of the foregoing, applicant respectfully requests that the Examiner's rejections be withdrawn.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (currently amended) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a device operable to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, said device includes a battery, said device includes motion sensing operable to distinguish between a plurality of different types of motion, said device is operable to provide first user-perceivable notification signals that are dependent upon said received first communication signals, and said device is operable to provide second user-perceivable notification signals that are dependent upon said second communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a missed call.

31. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification.

32. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder.

33. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a missed call.

34. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said

device is configured to receive third wireless communication signals associated with a third event.

35. (currently amended) The watch of claim 15, wherein at least one of said plurality of different types of motion is a human motion ~~first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a message, said device is configured to receive third wireless communication signals associated with a third event, and said third event is a calendar event.~~

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 July 6, 2021
Alexandria, VA 22313-1450

RESPONSE

Sir:

A three-month extension of time and a Request for Continued Examination is applicable hereto filed herewith. In response to the Office Action dated January 6, 2020, applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	740	740
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	1000	1000
Total in USD (\$)				1740

Electronic Acknowledgement Receipt	
EFS ID:	43181317
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	06-JUL-2021
Filing Date:	04-FEB-2014
Time Stamp:	19:40:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$1740
RAM confirmation Number	E202176J40490178
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
37 CFR 1.21 (Miscellaneous fees and charges)					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	JDM-004CON2--RCE.pdf	697799	no	3
			bfdab857ec9225e68b515d4b3a60e46275b9881c		
Warnings:					
Information:					
2		JDM-004CON2--Reply.pdf	133402	yes	11
			2831280df4618c6e202b7aa1743846ef1921c1e4		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Applicant Arguments/Remarks Made in an Amendment		6	11	
	Claims		2	5	
	Amendment Submitted/Entered with Filing of CPA/RCE		1	1	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32490	no	2
			e09fc49947de88faf68062199192f1f5a1aee560		
Warnings:					
Information:					
Total Files Size (in bytes):			863691		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 14/172,884		Filing Date 02/04/2014		☐ To be Mailed	
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO									
APPLICATION AS FILED - PART I									
	(Column 1)	(Column 2)							
FOR	NUMBER FILED	NUMBER EXTRA			RATE (\$)			FEE (\$)	
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A			N/A				
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A			N/A				
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*			x \$40 =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*			x \$210 =				
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.					TOTAL				
APPLICATION AS AMENDED - PART II									
	(Column 1)		(Column 2)	(Column 3)					
AMENDMENT	07/06/2021	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(j))	* 18	Minus	** 20	= 0		x \$50 =	0	
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0		x \$240 =	0	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
					TOTAL ADD'L FEE		0		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(j))	*	Minus	**	=		x \$0 =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x \$0 =		
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
					TOTAL ADD'L FEE				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE				
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/TARA J WITCHER/				
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".									
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

32733 7590 07/20/2021
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

EXAMINER
RAMAKRISHNAIAH, MELUR

ART UNIT PAPER NUMBER
2651

DATE MAILED: 07/20/2021

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936

TITLE OF INVENTION: SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	10/20/2021

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

32733 7590 07/20/2021
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936

TITLE OF INVENTION: SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	10/20/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAMAKRISHNAIAH, MELUR	2651	455-557000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733 7590 07/20/2021 JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116			EXAMINER RAMAKRISHNAIAH, MELUR	
			ART UNIT 2651	PAPER NUMBER
DATE MAILED: 07/20/2021				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.** Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 14/172,884	Applicant(s) Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2-6-21.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are See Continuation Sheet. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
a) ☐ All b) ☐ Some *c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____. 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____. 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.	5. ☐ Examiner's Amendment/Comment 6. ☒ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____.

/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651	

Continuation of 3. The allowed claim(s) is/are: 15, 19-35 (now renumbered 1-18)

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: The present invention provides a remote notification to a user of a cellular, or mobile, phone as the result of a particular activity or any activity at all (e.g., an incoming call from a particular person, group, or just an incoming call.

Prior art of record in combination or alone fails to teach or suggest the limitation (underlined) of an amend claim 19 recites: a watch band; a second watch band; a buckle, wherein said buckle is coupled to said second watch band; and a device operable to receive first wireless communication signals associated with a first event and second wireless communication signals are associated with a second event from said mobile telephonic device, wherein said first event and second events are different, said device includes a battery, said device includes motion sensing operable to distinguish between a plurality of different types of motion, said device is operable to provide first user-perceivable notification signals that are dependent upon said received first communication signals, and said device is operable to provide second user perceivable notification signals that are dependent upon said second communication signals.

According to paragraph [0031] of published application discloses: control circuitry may, for example, be able to distinguish ambient motion (e.g., the soft-motion of somebody walking or a single hard-motion of a purse hitting a counter-top) from a vibrating cell-phone motion (e.g., a high-frequency, hard, repetitious motion).

Art Unit: 2651

3. Claims 15, 19-35 (now renumbered 1-18) are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

--(JP2001045111A) to Oi discloses:

ABSTRACT:

PROBLEM TO BE SOLVED: To allow a user to immediately discriminate the arrival of an incoming call through the provision of vibration directly to an arm by not using a ring tone but by using a vibrator and to prevent surrounding people from being troubled.

SOLUTION: A main body and an auxiliary device are used as a pair. The auxiliary device is configured to have a ringing function, a caller number display function and a voice generating function, designed compact and fitted on an arm with a band similarly to the case with a wrist watch. The band incorporates an incoming

Art Unit: 2651

antenna and the power supply for the auxiliary device is a battery and a charging battery. A ringing tone of the mobile phone is silenced and the auxiliary device receives an incoming call. The arrival of the incoming call is noticed by giving vibration to the arm with the auxiliary device. When a caller number is displayed, the caller number is confirmed and a user informs the caller about a state of the user by means of a button operation as to whether the user can immediately make a speech with the caller or the user desires reception of a message from the caller because the user cannot accept the call right now.

--(US PAT: 6,216,017) to Lee et al. discloses separable cellular telephone and method of operating the same which teaches: A cellular telephone which is separable into a main device and a remote device having a call service function, and a method for controlling communication between the two devices. The main device of the cellular telephone includes a first radio circuit for communicating with a cell site and a second radio circuit for communicating with the remote device. The remote can be separated from the main device and includes a radio circuit for communicating with the second radio circuit of the main device. In one aspect, a separable cellular telephone comprises: a main device having a first radio circuit for communicating with a cell site and a second radio circuit; and a remote device having a radio circuit for communicating with the second radio

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circuit of the main device, wherein upon receipt of an incoming call from the cell cite, the main device transmits call receipt information to the remote device and the remote device processes the incoming call.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELUR RAMAKRISHNAIAH whose telephone number is (571)272-8098. The examiner can normally be reached on Flexible.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc M Nguyen can be reached on 27503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <https://ppair->

Application/Control Number: 14/172,884

Page 6

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my.uspto.gov/pair/PrivatePair. Should you have questions on access to the

Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-

9197 (toll-free). If you would like assistance from a USPTO Customer Service

Representative or access to the automated information system, call 800-786-9199

(IN USA OR CANADA) or 571-272-1000.

/MELUR RAMAKRISHNAIAH/

Primary Examiner, Art Unit 2651

<i>Notice of References Cited</i>	Application/Control No. 14/172,884		Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH		Art Unit 2651	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-6216017-B1	04-2001	Lee; Ki-Tae	H04B1/3805	455/567
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N	JP-2001045111-A	02-2001	JP	OI, SEIJUN	
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20210710

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	07/10/2021
	1	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-
	7	-	-	-	-	-	-	-	-	-
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	9	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	-	-
	11	-	-	-	-	-	-	-	-	-
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	13	-	-	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	-	-
1	15	✓	✓	✓	✓	✓	✓	✓	✓	=
	16	✓	-	-	-	-	-	-	-	-
	17	✓	-	-	-	-	-	-	-	-
	18	✓	-	-	-	-	-	-	-	-
2	19	✓	✓	✓	✓	✓	✓	✓	✓	=
3	20	✓	✓	✓	✓	✓	✓	✓	✓	=
4	21	✓	✓	✓	✓	✓	✓	✓	✓	=
5	22	✓	✓	✓	✓	✓	✓	✓	✓	=
6	23	✓	✓	✓	✓	✓	✓	✓	✓	=
7	24	✓	✓	✓	✓	✓	✓	✓	✓	=
8	25	✓	✓	✓	✓	✓	✓	✓	✓	=
9	26	✓	✓	✓	✓	✓	✓	✓	✓	=
10	27	✓	✓	✓	✓	✓	✓	✓	✓	=
11	28	✓	✓	✓	✓	✓	✓	✓	✓	=
12	29	✓	✓	✓	✓	✓	✓	✓	✓	=
13	30	✓	✓	✓	✓	✓	✓	✓	✓	=
14	31								✓	=
15	32								✓	=
16	33								✓	=
17	34								✓	=
18	35								✓	=

Issue Classification 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

CPC						
Symbol					Type	Version
H04M	/	1	/	72409	F	2021-01-01
H04M	/	19	/	048	I	2013-01-01
H04M	/	19	/	04	I	2013-01-01
H04M	/	1	/	72412	I	2021-01-01
H04B	/	1	/	38	I	2013-01-01
G04G	/	21	/	04	I	2013-01-01
H04M	/	19	/	047	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Version
	/		/		

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	18	
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651	10 July 2021	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3

U.S. Patent and Trademark Office

Part of Paper No.: 20210710

Issue Classification 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

INTERNATIONAL CLASSIFICATION			
CLAIMED			
H04M		1	725

NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
456	557	567				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	18	
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651	10 July 2021	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3

Issue Classification 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10	2	19	11	28								
	2		11	3	20	12	29								
	3		12	4	21	13	30								
	4		13	5	22	14	31								
	5		14	6	23	15	32								
	6	1	15	7	24	16	33								
	7		16	8	25	17	34								
	8		17	9	26	18	35								
	9		18	10	27										

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 18	
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651 (Primary Examiner) _____ (Date) 10 July 2021		O.G. Print Claim(s) 1	O.G. Print Figure 3

U.S. Patent and Trademark Office

Part of Paper No.: 20210710

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

CPC - Searched*		
Symbol	Date	Examiner
H04M 1/7359, 1/7253, 1/6041, 19/047, 1/72527, 19/04, 19/047, 19/048	10-1-14	mrk
H04B 1/3805	10-1-14	mrk

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

US Classification - Searched*			
Class	Subclass	Date	Examiner
455	557, 412.2, 567, 66.1, 88, 575.3, 41.1, 41.2, 557, 92	10-1-14	mrk
Search updated		11-1-15	mrk
Search updated		5-16-16	mrk
Search updated		12-20-16	mrk
Search updated		7-9-17	mrk
Search updated		4-9-18	mrk
Search updated		09/13/2018	mrk
Search updated		04/09/2019	mrk
Search updated		10/20/2019	mrk
Search updated		06/04/2020	mrk
Search updated		01/02/2021	mrk
Search updated		07/10/2021	mrk

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

<i>Search Notes</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

Search Notes		
Search Notes	Date	Examiner
WEST database	10-1-14	mrk
WEST database	11-1-15	mrk
WEST database	5-16-16	mrk
WEST database	12-29-16	mrk
WEST database	7-9-17	mrk
WEST database	4-8-18	mrk
WEST database	09/13/2018	mrk
WEST database	04/09/2019	mrk
West database	10/20/2019	mrk
WEST database	06/04/2020	mrk
WEST database	01/02/2021	mrk
WEST database	07/10/2021	mrk

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
All classes & subclasses listed in the searched area.		07/10/2021	mrk



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United States Patent and Trademark Office
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2651	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 730	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
			☐ Credit			

PUB-NO: JP02001045111A
DOCUMENT-IDENTIFIER: JP 2001045111 A
TITLE: AUXILIARY DEVICE FOR MOBILE PHONE

PUBN-DATE: February 16, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
OI, SEIJUN	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
OI SEIJUN	

APPL-NO: JP11241988
APPL-DATE: July 26, 1999

INT-CL (IPC): H04M 1/00; H04Q 7/38

ABSTRACT:

PROBLEM TO BE SOLVED: To allow a user to immediately discriminate the arrival of an incoming call through the provision of vibration directly to an arm by not using a ring tone but by using a vibrator and to prevent surrounding people from being troubled.

SOLUTION: A main body and an auxiliary device are used as a pair. The auxiliary device is configured to have a ringing function, a caller number display function and a voice generating function, designed compact and fitted on an arm with a band similarly to the case with a wrist watch. The band incorporates an incoming antenna and the power supply for the auxiliary device is a battery and a charging battery. A ringing tone of the mobile phone is silenced and the auxiliary device receives an incoming call. The arrival of the incoming call is noticed by giving vibration to the arm with the auxiliary device. When a caller number is displayed, the caller number is confirmed and a user informs the caller about a state of the user by means of a button operation as to whether the user can immediately make a speech with the caller or the user desires reception of a message from the caller because the user cannot accept the call right now.

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WEST Search History for Application 14172884

Creation Date: 2021071010:47

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
(watch) same (call near1 notif\$) and @ad<20030314	PGPB, USPT	n/a	OR	YES		09-13-2014
(incom\$ near1 call) same (watch and buckle) and @ad<20030314	PGPB, USPT	1	OR	YES		05-16-2016
(incom\$ near1 call) same (watch and strap) and @ad<20030314	PGPB, USPT	3	OR	YES		05-16-2016
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(wristwatch or wrist near1 watch) same (buckle and display and telephone) and @ad<20030314	PGPB, USPT	5	OR	YES		12-29-2016
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030410	DWPI	10	OR	YES		09-13-2018
(calendar and appointments and calls) same (wireless same notifications) and @ad<20030314	PGPB, USPT	9	OR	YES		04-09-2019
(incom\$ near1 call near1 noti\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	8	OR	YES		10-19-2019
(incom\$ near1 call and alert\$) same (wrist near1 watch) and @ad<20130314	PGPB, USPT	4	OR	YES		10-19-2019
(income\$ near1 call) same (alert\$) and @ad<20130314	PGPB, USPT	4	OR	YES		10-20-2019
(incom\$ near1 call) same ((alert\$ or notify\$) and wrist) and @ad<20030314	PGPB, USPT	16	OR	YES		06-04-2020
H04M1/725.cpc. and watch and call and @ad<20030314	PGPB, USPT	29	OR	YES		12-26-2020
(wrist near1 watch) same (incom\$ near1 call) and @ad<20030314	PGPB, USPT	5	OR	YES		12-26-2020
H04M19/04.cpc. and wrist near1 watch and @ad<20030314	PGPB, USPT	6	OR	YES		12-26-2020
(wrist near1 watch) same (communication near1 functions) and @ad<20030314	PGPB, USPT	21	OR	YES		12-26-2020
		19	OR	YES		12-26-2020

(wrist near1 watch) same (transceiver and display\$) and @ad<20030314	PGPB, USPT					
(phone near1 vibration or ambient near1 motion) same (detect\$) and @ad<20030314	PGPB, USPT	35	OR	YES		07-10-2021
(incom\$ near1 call) same (remot\$ near1 noti\$ and vibration) and @ad<20030314	PGPB, USPT	1	OR	YES		07-10-2021
(incom\$ near1 call) same (wrist near1 watch) and @ad<20030314	PGPB, USPT	5	OR	YES		07-10-2021
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030314	DWPI	10	OR	YES		07-10-2021
(incom\$ near1 call) and (wrist near1 watch) and @ad<20030314	JPAB	13	OR	YES		07-10-2021



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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
7590 JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116			EXAMINER RAMAKRISHNAIAH, MELUR	
			ART UNIT 2651	PAPER NUMBER
			MAIL DATE 07/26/2021	DELIVERY MODE PAPER

NOTICE REQUIRING INVENTOR'S OATH OR DECLARATION

☐ An inventor's oath or declaration in compliance with 37 CFR 1.63 or substitute statement in compliance with 37 CFR 1.64 executed by or with respect to each inventor has not yet been submitted.

The inventor's oath or declaration or substitute statement dated 02/04/14 is defective. The inventor's oath or declaration does not comply with 37 CFR 1.63 or the substitute statement does not comply with 37 CFR 1.64 because it:

☐ does not include a statement that the person executing the oath or declaration or substitute statement believes the named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application for which the oath or declaration is being submitted.

☒ does not state that the application was made or was authorized to be made by the person executing the oath or declaration or substitute statement.

☐ does not acknowledge that any willful false statement made in such oath or declaration or substitute statement is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

☐ does not identify the person executing the oath or declaration or substitute statement by his or her legal name.

☐ does not identify the application to which the oath or declaration or substitute statement is directed.

☐ Other: _____

The substitute statement dated _____ does not comply with 37 CFR 1.64 because it:

☐ does not identify the inventor with respect to whom the statement applies.

☐ does not identify the relationship to the non-signing inventor.

☐ does not identify the circumstances permitting execution of the statement.

☐ was signed by someone other than the applicant.

☐ Other: _____

An oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each inventor MUST be filed **no later than the date on which the issue fee is paid**. See 35 U.S.C. 115(f). Failure to timely comply will result in ABANDONMENT of this application. This period for reply is not extendable under 37 CFR 1.136(a).

Questions relating to this Notice should be directed to the Application Assistance Unit at 571-272-4200.

(571)-272-4200 or 1(888)-786-0101

Patent Publication Branch

Office of Data Management



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733 7590 07/27/2021 JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116			EXAMINER RAMAKRISHNAIAH, MELUR	
			ART UNIT 2651	PAPER NUMBER
			MAIL DATE 07/27/2021	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Application No. : 14172884
Applicant : Mullen
Filing Date : 02/04/2014
Date Mailed : 07/27/2021

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given two (2) months from the mail date of this Notice within which to respond. This time period for reply is extendable under 37 CFR 1.136(a) for only TWO additional MONTHS.

The application is not in compliance with 37 CFR 1.78, as indicated in the attachment. The consequences of failure to respond within the above-identified time period are set forth in the attachment.

Even if the Office has recognized a benefit claim and has entered it into the Office's database and included it on applicant's filing receipt, the benefit claim is not a proper benefit claim unless the reference in compliance with 37 CFR 1.78 is included, depending upon the application's filing date and as indicated in the attachment, in an application data sheet or in the first sentence(s) of the specification and all other requirements are met.

See attachment.

*A copy of this notice **MUST** be returned with the reply. Please address response to
"Mail Stop Issue Fee, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450".*

/Joseph Boris/
Publication Branch
Office of Data Management
(571) 272-4200

Application No. 14172884

**APPLICATION FILED ON OR AFTER SEPTEMBER 16, 2012,
NOT IN COMPLIANCE WITH 37 CFR 1.78**

- ☒ The 37 CFR 1.78(d)(2) reference on the application data sheet does not indicate the relationship (continuation, division, continuation-in-part) to the prior U.S. nonprovisional application or international application designating the U.S. See document coded ADS dated 02/04/2014, listing application number(s) 11485161.
- ☐ The 37 CFR 1.78(d)(2) reference on the application data sheet does not indicate the relationship (continuation, division, continuation-in-part) to the prior international application designating the U.S. but instead indicates that an application is the national stage of the prior international application. However, the application was filed as a 35 U.S.C. 111 application and was not processed as a 35 U.S.C. 371 application, thus removing the validating link under 35 U.S.C. 119(a)-(d) to a prior foreign application or under 35 U.S.C. 119(e) to a prior U.S. provisional application. See document coded dated , listing application number(s) .
- ☐ The 37 CFR 1.78(d)(2) reference on the application data sheet does not provide the U.S. nonprovisional application number (series code and serial number) or, with respect to an international PCT application designating the U.S., it provides the international application number or international filing date but not both. See document coded dated , in which the following is missing: .
- ☐ The 37 CFR 1.78(d)(2) reference on the application data sheet shows an incorrect, incomplete, or illegible U.S. nonprovisional application number, international PCT application number, or international PCT filing date. See document coded dated , in which the following error was made: .
- ☐ The 37 CFR 1.78(d)(2) reference to the prior U.S. nonprovisional application or international application designating the U.S. is not present on an application data sheet, thus removing the validating link under 35 U.S.C. 119(a)-(d) to a prior foreign application or under 35 U.S.C. 119(e) to a prior U.S. provisional application. See document coded dated , in which the following is missing: .
- ☐ The 37 CFR 1.78(d)(2) reference to the prior U.S. nonprovisional application or international application designating the U.S. is not present on an application data sheet.
- ☐ The 37 CFR 1.78(a)(3) reference to the prior U.S. provisional application is not present on an application data sheet.
- ☐ The 37 CFR 1.78(a)(3) reference to the prior U.S. provisional application on an application data sheet does not provide the provisional application number (series code and serial number). See document coded dated , in which the following is missing: .
- ☐ The 37 CFR 1.78(a)(3) reference to the prior U.S. provisional application on an application data sheet shows an incorrect, incomplete, or illegible U.S. provisional application number. See document coded dated , in which the following error was made: .
- ☐ Other: .

HOW TO RESPOND

A proper response to this notice would include any one of: (1) a corrected Application Data Sheet (ADS) pursuant to 37 CFR 1.76(c) which provides benefit information that complies with 37 CFR 1.78(d)(2) or 37 CFR 1.78(a)(3) or (2) a petition filed pursuant to the provisions of 37 CFR 1.78(e) or 37 CFR 1.78(c) if the benefit information from the document identified above by code and date does not accurately reflect the benefits under 35 U.S.C. 119(e), 120, 121, 365(c) or 386(c) as claimed by applicant (a grantable petition would include a corrected ADS pursuant to 37 CFR 1.76(c)). In general, a petition would be required unless the proper benefit claim information was included on a properly signed ADS submitted with the application on filing, or a properly signed corrected ADS in compliance with 37 CFR 1.76(c) (e.g., with underlining to show insertions) that was filed within the time period in 37 CFR 1.78 for making the benefit claim(s), or the Office recognized the benefit claim(s) on the initial filing receipt. Such response may be filed after payment of the issue fee if limited to informalities noted herein. See Waiver of 37 CFR 1.312 for Document Required by Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004).

WARNING: If Applicant fails to timely submit a proper response, the benefit information will be deleted and the patent will be printed without the benefit information present.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 October 18, 2021
Alexandria, VA 22313-1450

Amendment under 37 CFR 1.312

Sir:

A 1.312 Amendment is being filed with payment of the issue fee. Applicant amends the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (cancelled).

15. (currently amended) A watch for use with a mobile telephonic device that provides notification of an incoming call, said watch comprising:

a watch band;

a second watch band;

a buckle, wherein said buckle is coupled to said second watch band; and

a device operable to receive first wireless communication signals associated with a first event and second wireless communication signals ~~are~~ associated with a second event from said mobile telephonic device, wherein said first event and second event ~~events~~ are different, said device includes a battery, said device includes motion sensing operable to distinguish between a plurality of different types of motion, said device is operable to provide first user-perceivable notification signals that are dependent upon said received first communication signals, and said device is operable to provide second user perceivable notification signals that are dependent upon said second communication signals.

16-18. (cancelled).

19. (previously presented) The watch of claim 15, further comprising an amplifier.

20. (previously presented) The watch of claim 15, wherein said user-perceivable notifications signals comprise audible notification signals.

21. (previously presented) The watch of claim 15, wherein said device further comprises a display.

22. (previously presented) The watch of claim 15, wherein said device further comprises a vibrator.

23. (previously presented) The watch of claim 15, wherein said device further comprises a speaker.

24. (previously presented) The watch of claim 15, wherein said device further comprises an LED.

25. (previously presented) The watch of claim 15, wherein said device further comprises control circuitry, an input device, and memory.

26. (previously presented) The watch of claim 15, wherein said device further comprises a display, a speaker, a vibrator, control circuitry, an input device, and memory.

27. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call.

28. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a calendar notification.

29. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a reminder.

30. (previously presented) The watch of claim 15, wherein said second user-perceivable signals are indicative of a missed call.

31. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a calendar notification.

32. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a reminder.

33. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call and said second user-perceivable signals are indicative of a missed call.

34. (previously presented) The watch of claim 15, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said

device is configured to receive third wireless communication signals associated with a third event.

35. (previously presented) The watch of claim 15, wherein at least one of said plurality of different types of motion is a human motion.

36. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of a voice message.

37. (new) The watch of claim 15, wherein said first user-perceivable signals are indicative of a text message.

38. (new) The watch of claim 15, wherein said device is operable to allow a user to select a type of user-perceivable signal for said first user-perceivable signals that is different than a type of user-perceivable signal for said second user-perceivable signals.

39. (new) The watch of claim 15, wherein said device is operable to send wireless communication signals to said mobile telephonic device.

40. (new) The watch of claim 39, wherein said wireless communication signals operable to be sent to said mobile telephonic device comprise wireless communication signals to answer an incoming call.

41. (new) The watch of claim 39, wherein said wireless communication signals operable to be sent to said mobile telephonic device comprise voice signals.

42. (new) The watch of claim 39, wherein said wireless communication signals operable to be sent to said mobile telephonic device comprise wireless communication signals to answer an incoming call and wireless communication signals comprising voice signals.

43. (new) The watch of claim 42, wherein said wireless communication signals comprising voice signals comprise voice signals operable to be utilized by said mobile telephonic device for an active call.

44. (new) The watch of claim 15, wherein said device is operable to receive third wireless communication signals associated with a third event, wherein each of said first event, second event, and third event is different, and said device is operable to provide third user-perceivable notification signals that are dependent upon said third wireless communication signals.

45. (new) The watch of claim 44, wherein said device is operable to allow a user to select different types of user-perceivable signals for each of said first user-perceivable signals, said second user-perceivable signals, and said third user-perceivable signals.

46. (new) The watch of claim 44, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are

indicative of a reminder, and said third user-perceivable signals are indicative of a missed call.

47. (new) The watch of claim 44, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said third user-perceivable signals are indicative of a voice message.

48. (new) The watch of claim 44, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a reminder, and said third user-perceivable signals are indicative of a text message.

49. (new) The watch of claim 44, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a missed call, and said third user-perceivable signals are indicative of a voice message.

50. (new) The watch of claim 44, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a missed call, and said third user-perceivable signals are indicative of a text message.

51. (new) The watch of claim 44, wherein said first user-perceivable signals are indicative of an incoming call, said second user-perceivable signals are indicative of a voice message, and said third user-perceivable signals are indicative of a text message.

52. (new) The watch of claim 44, wherein said device is operable to send wireless communication signals to said mobile telephonic device.

53. (new) The watch of claim 52, wherein said wireless communication signals operable to be sent to said mobile telephonic device comprise wireless communication signals to answer an incoming call.

54. (new) The watch of claim 52, wherein said wireless communication signals operable to be sent to said mobile telephonic device comprise voice signals.

55. (new) The watch of claim 52, wherein said wireless communication signals operable to be sent to said mobile telephonic device comprise wireless communication signals to answer an incoming call and wireless communication signals comprising voice signals.

56. (new) The watch of claim 55, wherein said wireless communication signals comprising voice signals comprise voice signals operable to be utilized by said mobile telephonic device for an active call.

REMARKS/ARGUMENTS

Summary of Office Action

The claims are allowed.

Summary of Applicant's 3.12 Amendments

Applicant has amended claim 15 to update an inconsistency.

Dependent Claims

Without prejudice and solely in order to expedite prosecution, applicant has added new dependent claims 36-56. Dependent claims 36-56 depend from patentable independent claim 15. No new matter has been added and new dependent claims 36-56 are fully supported and justified by the originally filed specification. See, e.g., applicant's specification paragraphs 8, 18, and 20. As only dependent claims have been added that are fully supported and justified by the original specification, the requested amendment should be entered because it does not require an additional search and does not present an undue examination burden.

Replacement Sheets

Applicant herewith submits Replacement Sheets. No new subject matter has been added. The Replacement Sheets, which include Replacement Sheet 1-5 and show FIGS. 1-5, replace the previously submitted sheets, which include sheets 1-5 and show FIGS. 1-5. No new subject matter has been added.

Declaration

Applicant submits herewith an updated Oath and Declaration. Applicant was mailed a Notice on July 26, 2021 requesting an updated Declaration.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for issuance. Reconsideration and prompt issuance of this application are respectfully requested.

The Director is hereby authorized to charge any fees required in conjunction with this filing, or credit any overpayment of the same, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/
Jeffrey D. Mullen
Applicant (Reg. No. 52,056)
Customer No. 32733
2212 Hassinger Lane
Glenshaw, PA 15116
Mobile: (914) 837-7741

DECLARATION

I, Jeffrey David Mullen, declare that I am a citizen of the United States and that I reside in Glenshaw, Pennsylvania; and have a post office address at 2212 Hassinger Lane, Glenshaw, Pennsylvania 15116;

that I verily believe myself to be the original and first inventor of the invention or discovery in:

SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES

the application, including specification, of which was filed on February 4, 2014, as U.S. Application No. 14/172,884;

that the above-identified application was made or authorized to be made by me;

that I have reviewed and do understand the content of said application, including the claims, and acknowledge my duty to disclose to the United States Patent and Trademark Office information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

that I do not know and do not believe that this invention or discovery was ever known or used in the United States of America before my invention or discovery thereof, or patented or described in any printed publication in any country before my invention or discovery thereof, or more than one year prior to this application; or in public use or on sale in the United States of America more than one year prior to this application; that this invention or discovery has not been patented or made the subject of an

inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; and that no application for patent or inventor's certificate on this invention or discovery has been filed in any country foreign to the United States of America by me or my legal representatives or assigns;

I hereby claim the benefit under Title 35, United States Code § 119(e) to the United States provisional applications listed below;

60/455,218
(Application Serial No.)

March 14, 2003
(Filing Date)

and I claim priority under Title 35, United States Code § 120 to the United States non-provisional applications listed below;

10/797,801
(Application Serial No.)

March 9, 2004
(Filing Date)

13/453,659
(Application Serial No.)

April 23, 2012
(Filing Date)

and I request that communications be sent to:

Jeffrey D. Mullen
2212 Hassinger Lane
Glenshaw, PA 15116

and that telephone calls be directed to:

Jeffrey D. Mullen
(914) 837-7741

Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed

in the attached application, and I hereby subscribe my name to the foregoing application, including the claims, and declaration.

I declare, further, that I understand the English language and that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

October 18, 2021
Date

/Jeffrey D. Mullen/
Jeffrey David Mullen

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Jeffrey D. Mullen	(Depositor's name)
/Jeffrey D. Mullen/	(Signature)
10/18/2021	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936

TITLE OF INVENTION:

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$600	\$0	\$600	10/20/2021
EXAMINER	ART UNIT	CLASS-SUBCLASS			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1__ (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2__ 3__

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies __

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number **503855**

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Jeffrey D. Mullen/

Date 10/18/2021

Typed or printed name Jeffrey D. Mullen

Registration No. 52,056

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936

32733 7590 07/27/2021
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

EXAMINER	
RAMAKRISHNAIAH, MELUR	

ART UNIT	PAPER NUMBER
2651	

MAIL DATE	DELIVERY MODE
07/27/2021	PAPER

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The time period for reply, if any, is set in the attached communication.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Application No. : 14172884
Applicant : Mullen
Filing Date : 02/04/2014
Date Mailed : 07/27/2021

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given two (2) months from the mail date of this Notice within which to respond. This time period for reply is extendable under 37 CFR 1.136(a) for only TWO additional MONTHS.

The application is not in compliance with 37 CFR 1.78, as indicated in the attachment. The consequences of failure to respond within the above-identified time period are set forth in the attachment.

Even if the Office has recognized a benefit claim and has entered it into the Office's database and included it on applicant's filing receipt, the benefit claim is not a proper benefit claim unless the reference in compliance with 37 CFR 1.78 is included, depending upon the application's filing date and as indicated in the attachment, in an application data sheet or in the first sentence(s) of the specification and all other requirements are met.

See attachment.

*A copy of this notice **MUST** be returned with the reply. Please address response to
"Mail Stop Issue Fee, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450".*

/Joseph Boris/
Publication Branch
Office of Data Management
(571) 272-4200

Application No. 14172884

**APPLICATION FILED ON OR AFTER SEPTEMBER 16, 2012,
NOT IN COMPLIANCE WITH 37 CFR 1.78**

- ☒ The 37 CFR 1.78(d)(2) reference on the application data sheet does not indicate the relationship (continuation, division, continuation-in-part) to the prior U.S. nonprovisional application or international application designating the U.S. See document coded ADS dated 02/04/2014, listing application number(s) 11485161.
- ☐ The 37 CFR 1.78(d)(2) reference on the application data sheet does not indicate the relationship (continuation, division, continuation-in-part) to the prior international application designating the U.S. but instead indicates that an application is the national stage of the prior international application. However, the application was filed as a 35 U.S.C. 111 application and was not processed as a 35 U.S.C. 371 application, thus removing the validating link under 35 U.S.C. 119(a)-(d) to a prior foreign application or under 35 U.S.C. 119(e) to a prior U.S. provisional application. See document coded dated , listing application number(s) .
- ☐ The 37 CFR 1.78(d)(2) reference on the application data sheet does not provide the U.S. nonprovisional application number (series code and serial number) or, with respect to an international PCT application designating the U.S., it provides the international application number or international filing date but not both. See document coded dated , in which the following is missing: .
- ☐ The 37 CFR 1.78(d)(2) reference on the application data sheet shows an incorrect, incomplete, or illegible U.S. nonprovisional application number, international PCT application number, or international PCT filing date. See document coded dated , in which the following error was made: .
- ☐ The 37 CFR 1.78(d)(2) reference to the prior U.S. nonprovisional application or international application designating the U.S. is not present on an application data sheet, thus removing the validating link under 35 U.S.C. 119(a)-(d) to a prior foreign application or under 35 U.S.C. 119(e) to a prior U.S. provisional application. See document coded dated , in which the following is missing: .
- ☐ The 37 CFR 1.78(d)(2) reference to the prior U.S. nonprovisional application or international application designating the U.S. is not present on an application data sheet.
- ☐ The 37 CFR 1.78(a)(3) reference to the prior U.S. provisional application is not present on an application data sheet.
- ☐ The 37 CFR 1.78(a)(3) reference to the prior U.S. provisional application on an application data sheet does not provide the provisional application number (series code and serial number). See document coded dated , in which the following is missing: .
- ☐ The 37 CFR 1.78(a)(3) reference to the prior U.S. provisional application on an application data sheet shows an incorrect, incomplete, or illegible U.S. provisional application number. See document coded dated , in which the following error was made: .
- ☐ Other: .

HOW TO RESPOND

A proper response to this notice would include any one of: (1) a corrected Application Data Sheet (ADS) pursuant to 37 CFR 1.76(c) which provides benefit information that complies with 37 CFR 1.78(d)(2) or 37 CFR 1.78(a)(3) or (2) a petition filed pursuant to the provisions of 37 CFR 1.78(e) or 37 CFR 1.78(c) if the benefit information from the document identified above by code and date does not accurately reflect the benefits under 35 U.S.C. 119(e), 120, 121, 365(c) or 386(c) as claimed by applicant (a grantable petition would include a corrected ADS pursuant to 37 CFR 1.76(c)). In general, a petition would be required unless the proper benefit claim information was included on a properly signed ADS submitted with the application on filing, or a properly signed corrected ADS in compliance with 37 CFR 1.76(c) (e.g., with underlining to show insertions) that was filed within the time period in 37 CFR 1.78 for making the benefit claim(s), or the Office recognized the benefit claim(s) on the initial filing receipt. Such response may be filed after payment of the issue fee if limited to informalities noted herein. See Waiver of 37 CFR 1.312 for Document Required by Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004).

WARNING: If Applicant fails to timely submit a proper response, the benefit information will be deleted and the patent will be printed without the benefit information present.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1				
Applicant Authority		☒ Inventor		☐ Legal Representative under 35 U.S.C. 117 ☐ Party of Interest under 35 U.S.C. 118
If applicant is not an inventor, indicate the authority to file for the patent on behalf of the inventor, the inventor is:				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Jeffrey	David	Mullen	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Pittsburgh	State/Province	PA	Country of Residence ⁱ USA
Citizenship under 37 CFR 1.41 (b) ⁱ		USA		
Mailing Address of Applicant:				
Address 1		1310 Riverfront Drive		
Address 2				
City	Pittsburgh	State/Province	PA	
Postal Code	15238	Country ⁱ	USA	
If the representative for the inventor is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Residence Information of the Inventor's Representative:				
Residence Information (Select One) ☐ US Residency ☐ Non US Residency ☐ Active US Military Service				
City		State/Province		Country of Residence
Citizenship under 37 CFR 1.41 (b) ⁱ				
Mailing Address of the Inventor's Representative:				
Address 1				
Address 2				
City		State/Province		
Postal Code		Country ⁱ		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
☐ An Address is being provided for the correspondence information of this application.	
Customer Number	32733
Email Address	Jmullen54@aol.com

Application Information:

Title of the Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
Attorney Docket Number	JDM/004 CON2	Small Entity Status Claimed ☒	
Application Type	non-provisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	JDM/004 CON2
	Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES	

Publication Information:	
☐	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐	Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.			
Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ US Representative (37 CFR 11.9)
Customer Number	32733		

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.			
Prior Application Status			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
This application	continuation	13/453,659	2012-04-23
~~11/485,161~~ 13/453,659	continuation	10/797,801	2004-03-09
10/797,801	non-provisional	60/455,218	2003-03-14
Additional Domestic Priority Data may be generated within this form by selecting the Add button.			

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).			
Application Number	Country i	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			☐ Yes ☒ No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	JDM/004 CON2
		Application Number	Not yet assigned
Title of Invention	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.				
Assignee 1				
If the Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information:				
Address 1				
Address 2				
City		State/Province		
Country i		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee Data may be generated within this form by selecting the Add button.				

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.				
Signature	/Jeffrey D. Mullen/		Date (YYYY-MM-DD)	2014-02-04
First Name	Jeffrey	Last Name	Mullen	Registration Number
		52,056		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USP TO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey D. Mullen
Application No. : 14/172,884
Confirmation No. : 8936
Filed : February 4, 2014
For : SYSTEMS AND METHODS FOR
PROVIDING REMOTE INCOMING
CALL NOTIFICATION FOR
CELLULAR PHONES
Group Art Unit : 2656
Examiner : Melus Ramakrishnaiah

Hon. Commissioner for Patents Pittsburgh, PA 15116
P.O. Box 1450 October 18, 2021
Alexandria, VA 22313-1450

REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Sir:

This is in response to the Notice to File Corrected Application Papers dated September 27, 2021. A one month extension of time is applicable hereto and submitted herewith. This response, along with all required items and any required fees, is being filed during the two-month time period given for reply.

Remarks/Arguments begin on page 2 of this paper.

REMARKS/ARGUMENTS

The Examiner requested in a Notice to File Corrected Application Papers that applicant denote the relationship to the prior applications.

Solely in order to expedite prosecution and in response to the Notice to File Corrected Application Papers mailed January 26, 2021, Applicant hereby submits the following:

1. A copy of the September 27, 2021, Notice to File Corrected Application Papers; and
2. A Supplemental Application Data Sheet.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance. Prompt allowance of this application is respectfully requested.

Conclusion

Applicant respectfully submits that this application, including the pending claims, is in condition for allowance.

Reconsideration and prompt allowance of this application are respectfully requested.

The Director is hereby authorized to charge any fees associated with this filing, or credit any overpayments thereon, to Deposit Account No. 50-3855, Order No. JDM/004 CON2.

Respectfully Submitted,

/Jeffrey D. Mullen/

Jeffrey D. Mullen

Applicant (Reg. No. 52,056)

Customer No. 32733

2212 Hassinger Lane

Glenshaw, PA 15116

Tel.: (914) 837-7741

1/5

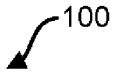


FIG. 1

REPLACEMENT SHEET
2/5

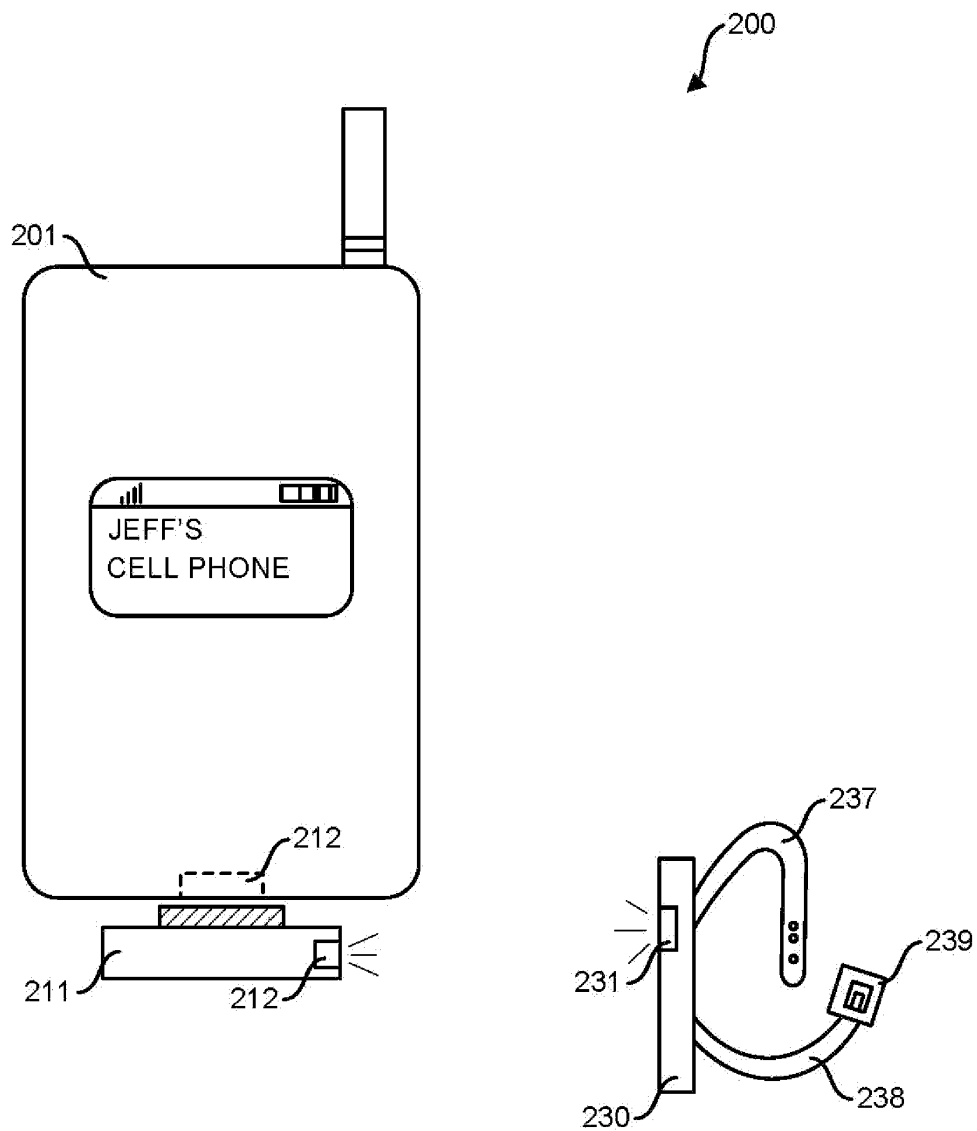


FIG. 2

REPLACEMENT SHEET
3/5

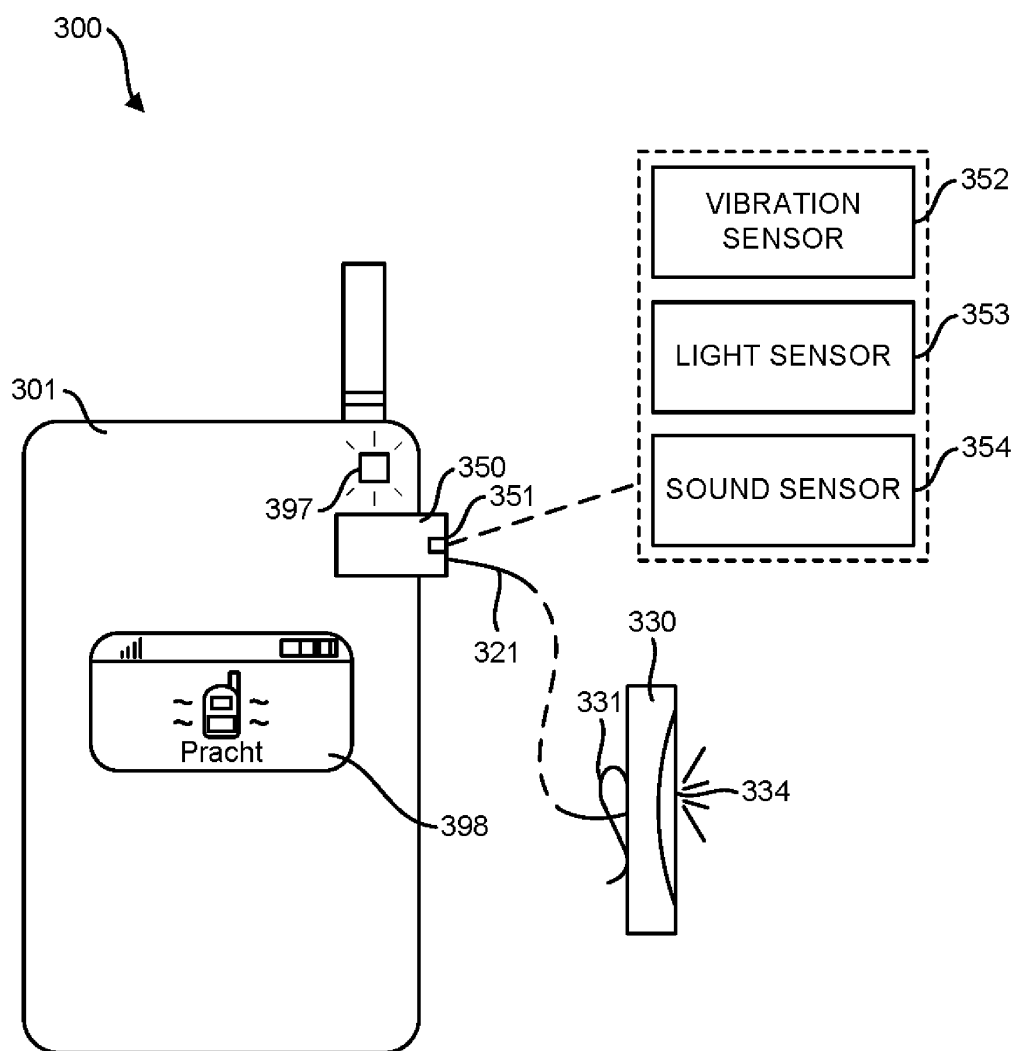


FIG. 3

REPLACEMENT SHEET
4/5

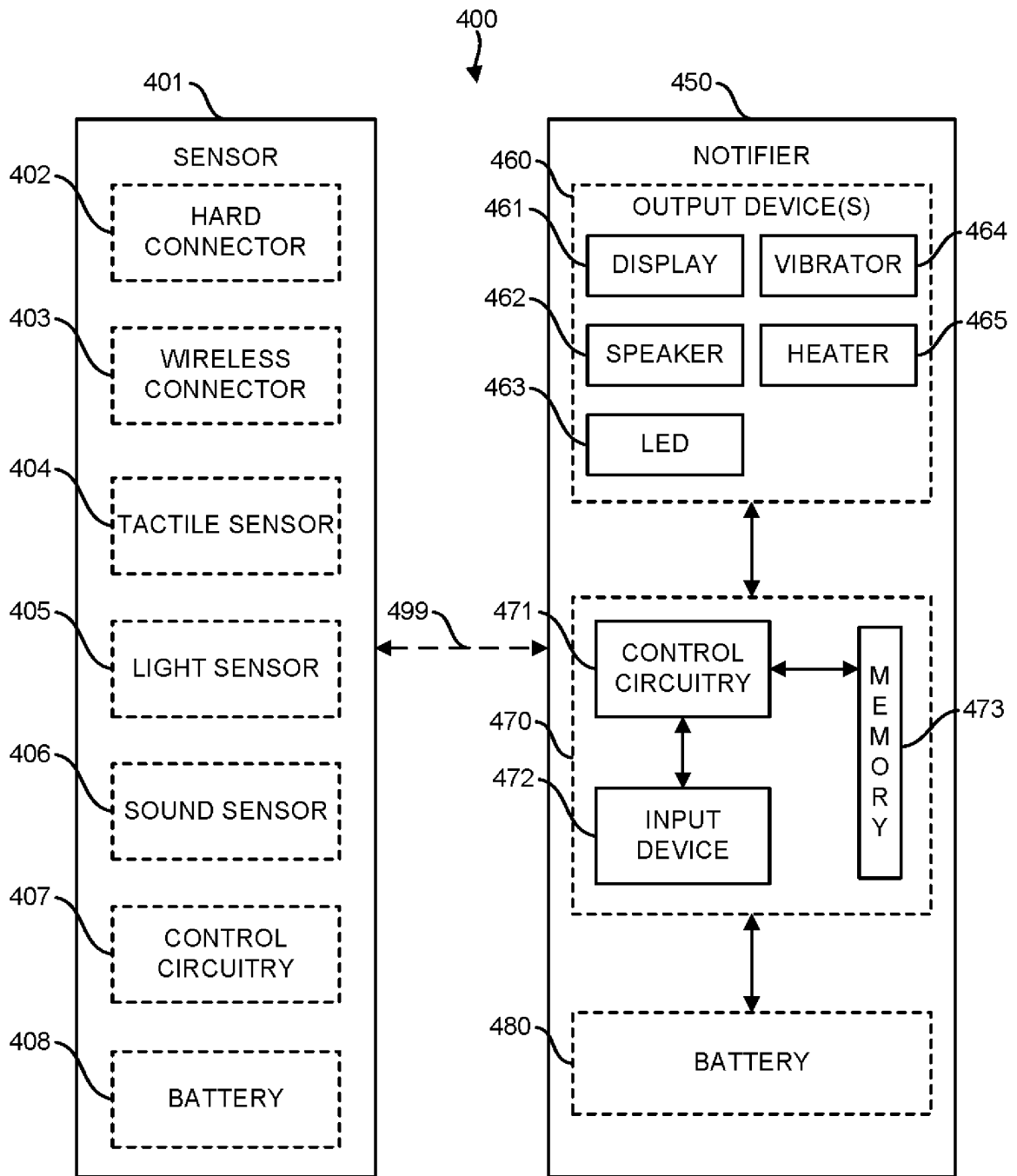


FIG. 4

REPLACEMENT SHEET
5/5

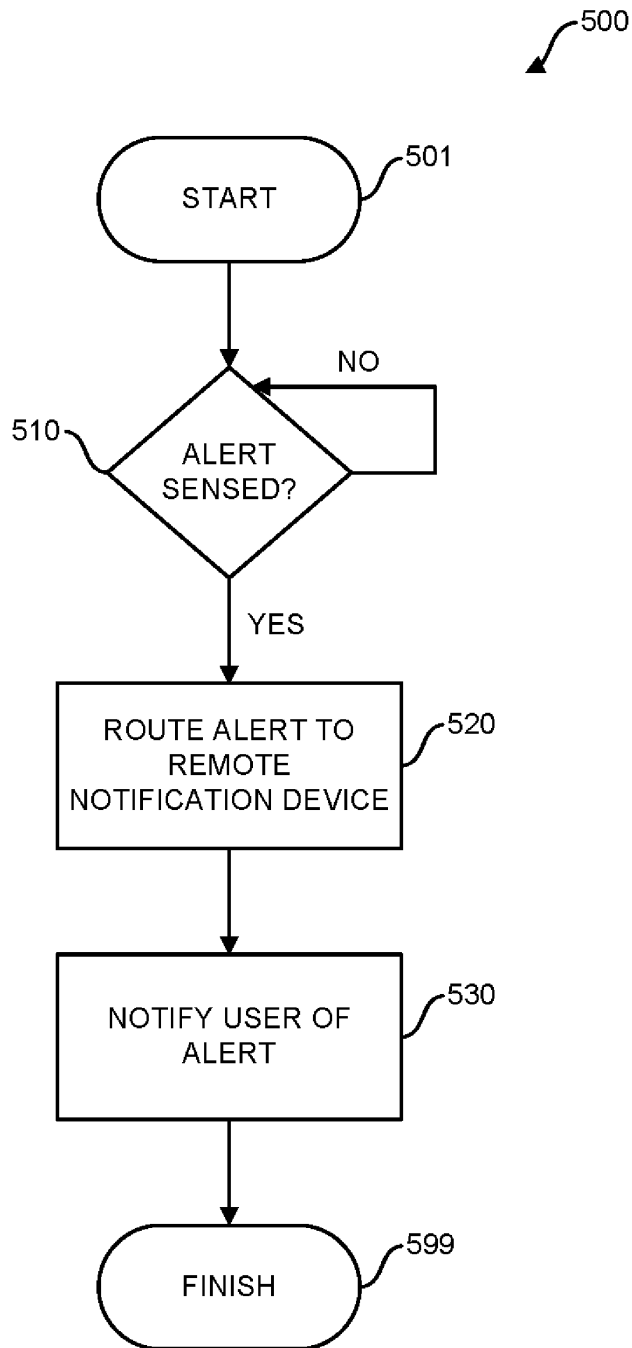


FIG. 5

Electronic Patent Application Fee Transmittal				
Application Number:		14172884		
Filing Date:		04-Feb-2014		
Title of Invention:		SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES		
First Named Inventor/Applicant Name:		Jeffrey David Mullen		
Filer:		Jeffrey David Mullen		
Attorney Docket Number:		JDM/004 CON2		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
CLAIMS IN EXCESS OF 20	2202	19	50	950
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
UTILITY APPL ISSUE FEE	2501	1	600	600
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	110	110
Miscellaneous:				
Total in USD (\$)				1660

Electronic Acknowledgement Receipt	
EFS ID:	44060033
Application Number:	14172884
International Application Number:	
Confirmation Number:	8936
Title of Invention:	SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES
First Named Inventor/Applicant Name:	Jeffrey David Mullen
Customer Number:	32733
Filer:	Jeffrey David Mullen
Filer Authorized By:	
Attorney Docket Number:	JDM/004 CON2
Receipt Date:	18-OCT-2021
Filing Date:	04-FEB-2014
Time Stamp:	23:06:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$1660
RAM confirmation Number	E20210HN06511560
Deposit Account	503855
Authorized User	Jeffrey Mullen
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.21 (Miscellaneous fees and charges) 37 CFR 1.20 (Post Issuance fees)	

37 CFR 1.19 (Document supply fees)
37 CFR 1.17 (Patent application and reexamination processing fees)
37 CFR 1.16 (National application filing, search, and examination fees)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		JDM-004CON2--1312Amendment.pdf	127880	yes	10
			3163bc9312799153b2fbc41ad5d03f5bdd133c3e		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment after Notice of Allowance (Rule 312)		1	1	
	Claims		2	8	
	Applicant Arguments/Remarks Made in an Amendment		9	10	
Warnings:					
Information:					
2	Oath or Declaration filed	JDM-004CON2--Declaration.pdf	52675	no	3
			d54d90aba959c29b303b9a99992ea73c67b12a89		
Warnings:					
Information:					
3	Issue Fee Payment (PTO-85B)	JDM-004CON2--IssueFee.pdf	232035	no	2
			f7a39d98c6bb142c84884c0d72b4aca24cd27944		
Warnings:					
Information:					
4	Transmittal Letter	JDM-004CON2--NTFCAP.pdf	291382	no	3
			c846d0f13c90ba8a5b8a8d22a453e1342973af8		
Warnings:					
Information:					
5	Application Data Sheet	JDM-004CON2--SADS.pdf	140519	no	5
			277cd56edc219d36126cf22f41bcc10dc4229277		

Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
6	Transmittal Letter	JDM-004CON2-- ResponseToNTFCAP.pdf	119868	no	3
			b82116174086812dce3b6d408c9c29693c84de21		
Warnings:					
Information:					
7	Drawings-only black and white line drawings	JDM-004CON2-- ReplacementSheet.pdf	113116	no	5
			77b616calf1b39779ee3e24cec0964f143f3f6e8		
Warnings:					
Information:					
8	Fee Worksheet (SB06)	fee-info.pdf	42877	no	2
			f30ae4091c086985857ff6c0ea650aba95a00ce4		
Warnings:					
Information:					
Total Files Size (in bytes):			1120352		
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	02/04/2014	Jeffrey David Mullen	JDM/004 CON2	8936
32733	7590	10/22/2021	EXAMINER	
JEFFREY D. MULLEN			RAMAKRISHNAIAH, MELUR	
2212 Hassinger Lane			ART UNIT	PAPER NUMBER
Glenshaw, PA 15116			2651	
			MAIL DATE	DELIVERY MODE
			10/22/2021	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Corrected Notice of Allowability	Application No. 14/172,884	Applicant(s) Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 312 Amendment of 10-18-21.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are See Continuation Sheet. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
 a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892) 2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____. 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____. 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.	5. ☐ Examiner's Amendment/Comment 6. ☐ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____.

/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651	

Continuation of 3. The allowed claim(s) is/are: 15, 19-56 (now renumbered 1-39)

Response to Rule 312 Communication	Application No. 14/172,884	Applicant(s) Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651	AIA (FITF) Status No
-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -- 1. ☒ The amendment filed on <u>18 October 2021</u> under 37 CFR 1.312 has been considered, and has been: a) ☒ entered. b) ☐ entered as directed to matters of form not affecting the scope of the invention. c) ☐ disapproved because the amendment was filed after the payment of the issue fee. Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue. d) ☐ disapproved. See explanation below. e) ☐ entered in part. See explanation below. _____			
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651			

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	10/21/2021
	1	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-
	7	-	-	-	-	-	-	-	-	-
	8	-	-	-	-	-	-	-	-	-
	9	-	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	-	-
	11	-	-	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	-	-
	13	-	-	-	-	-	-	-	-	-
	14	-	-	-	-	-	-	-	-	-
1	15	✓	✓	✓	✓	✓	✓	✓	✓	=
	16	✓	-	-	-	-	-	-	-	-
	17	✓	-	-	-	-	-	-	-	-
	18	✓	-	-	-	-	-	-	-	-
2	19	✓	✓	✓	✓	✓	✓	✓	✓	=
3	20	✓	✓	✓	✓	✓	✓	✓	✓	=
4	21	✓	✓	✓	✓	✓	✓	✓	✓	=
5	22	✓	✓	✓	✓	✓	✓	✓	✓	=
6	23	✓	✓	✓	✓	✓	✓	✓	✓	=
7	24	✓	✓	✓	✓	✓	✓	✓	✓	=
8	25	✓	✓	✓	✓	✓	✓	✓	✓	=
9	26	✓	✓	✓	✓	✓	✓	✓	✓	=
10	27	✓	✓	✓	✓	✓	✓	✓	✓	=
11	28	✓	✓	✓	✓	✓	✓	✓	✓	=
12	29	✓	✓	✓	✓	✓	✓	✓	✓	=
13	30	✓	✓	✓	✓	✓	✓	✓	✓	=
14	31								✓	=
15	32								✓	=
16	33								✓	=
17	34								✓	=
18	35								✓	=
19	36									=
20	37									=
21	38									=
22	39									=
23	40									=
24	41									=
25	42									=

<i>Index of Claims</i> 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

CLAIM		DATE								
Final	Original	10/01/2014	11/01/2015	05/16/2016	12/29/2016	07/09/2017	04/09/2018	09/13/2018	04/09/2019	10/21/2021
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27	44									=
28	45									=
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33	50									=
34	51									=
35	52									=
36	53									=
37	54									=
38	55									=
39	56									=

Issue Classification 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

CPC						
Symbol					Type	Version
H04M	/	1	/	72409	F	2021-01-01
H04M	/	19	/	048	I	2013-01-01
H04M	/	19	/	04	I	2013-01-01
H04M	/	1	/	72412	I	2021-01-01
H04B	/	1	/	38	I	2013-01-01
G04G	/	21	/	04	I	2013-01-01
H04M	/	19	/	047	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Set
	/		/		

NONE (Assistant Examiner) (Date)		Total Claims Allowed: 39	
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651 (Primary Examiner) (Date)		21 October 2021 O.G. Print Claim(s) 1	O.G. Print Figure 3

U.S. Patent and Trademark Office

Part of Paper No.: 20211021

Issue Classification 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

INTERNATIONAL CLASSIFICATION			
CLAIMED			
H04M		1	725

NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
456	557	567				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	39	
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651	21 October 2021	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3

Issue Classification 	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10	2	19	11	28	20	37	29	46	38	55		
	2		11	3	20	12	29	21	38	30	47	39	56		
	3		12	4	21	13	30	22	39	31	48				
	4		13	5	22	14	31	23	40	32	49				
	5		14	6	23	15	32	24	41	33	50				
	6	1	15	7	24	16	33	25	42	34	51				
	7		16	8	25	17	34	26	43	35	52				
	8		17	9	26	18	35	27	44	36	53				
	9		18	10	27	19	36	28	45	37	54				

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 39	
/MELUR RAMAKRISHNAIAH/ Primary Examiner, Art Unit 2651 (Primary Examiner) _____ (Date) _____		21 October 2021 O.G. Print Claim(s) 1	O.G. Print Figure 3

U.S. Patent and Trademark Office

Part of Paper No.: 20211021



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 Alexandria, Virginia 22313-1450
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BIB DATA SHEET

CONFIRMATION NO. 8936

SERIAL NUMBER 14/172,884	FILING or 371(c) DATE 02/04/2014 RULE	CLASS 455	GROUP ART UNIT 2651	ATTORNEY DOCKET NO. JDM/004 CON2		
APPLICANTS INVENTORS Jeffrey David Mullen, Pittsburgh, PA; ** CONTINUING DATA ***** This application is a CON of 13/453,659 04/23/2012 PAT 8682398 which is a CON of 10/797,801 03/09/2004 PAT 8165640 which claims benefit of 60/455,218 03/14/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 02/19/2014						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /MELUR RAMAKRISHNAIAH/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY PA	SHEETS DRAWINGS 5	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
ADDRESS JEFFREY D. MULLEN 2212 Hassinger Lane Glenshaw, PA 15116 UNITED STATES						
TITLE SYSTEMS AND METHODS FOR PROVIDING REMOTE INCOMING CALL NOTIFICATION FOR CELLULAR PHONES						
FILING FEE RECEIVED 1680	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees		
				☐ 1.16 Fees (Filing)		
				☐ 1.17 Fees (Processing Ext. of time)		
				☐ 1.18 Fees (Issue)		
				☐ Other _____		
				☐ Credit		

Amendments to the Specification:

Change(s) applied
to document,
/J.K./
7/22/2021

Please replace paragraph 1 of the
specification, which begins on ^{line}~~page~~ 4 of page 1 of the
specification with the following paragraph showing
amendments.

--This application is a continuation of U.S.
Patent Application No. 13/453,659, filed on April 23,
2012, which is a continuation of U.S. Patent
Application No. 10/797,801 filed on March 9, 2004
which claims the benefit of United States Provisional
Patent Application No. 60/455,218 filed on March 14,
2003 which ~~is~~ are all hereby incorporated by reference
herein in their ~~its~~ entirety.--

Notice of References Cited	Application/Control No. 14/172,884	Applicant(s)/Patent Under Reexamination Mullen, Jeffrey David	
	Examiner MELUR RAMAKRISHNAIAH	Art Unit 2651	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20020068600-A1	06-2002	Chihara, Hiroyuki	H04M1/576	455/557
*	B	US-20040204044-A1	10-2004	Pinsky, Maria	H04M19/04	455/556.1
*	C	US-5960367-A	09-1999	Kita, Kazunori	H04B1/38	455/567
*	D	US-6906701-B1	06-2005	Oueslati, Hatem	G06F3/04895	341/22
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
*	N	GB-2367210-A	03-2002	GB	CALLISTER SCOTT	G08B6/00
	O	JP-2001045111-A	~~10-2001~~	JP	02/2001 OI, SEIJUN	
	P					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20210103



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Alexandria, Virginia 22313-1450
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/172,884	11/30/2021	11190633	JDM/004 CON2	8936

32733 7590 11/10/2021
JEFFREY D. MULLEN
2212 Hassinger Lane
Glenshaw, PA 15116

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional inventors):

Jeffrey David Mullen, Pittsburgh, PA;

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

IR103 (Rev. 10/09)

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of Texas - Waco Division on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 6:22-cv-00145	DATE FILED 2/9/2022	U.S. DISTRICT COURT Western District of Texas - Waco Division
PLAINTIFF Mullen Industries LLC		DEFENDANT Apple Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 8,374,575	2/12/2013	Mullen Industries LLC
2 9,204,283	12/1/2015	Mullen Industries LLC
3 9,635,540	4/25/2017	Mullen Industries LLC
4 11,096,039	8/17/2021	Mullen Industries LLC
5 11,109,218	8/31/2021	Mullen Industries LLC

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

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PLAINTIFF Mullen Industries LLC		DEFENDANT Apple Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 11,122,418	9/14/2021	Mullen Industries LLC
2 11,190,633	11/30/2021	Mullen Industries LLC
3 11,234,117	1/25/2022	Mullen Industries LLC
4 11,246,024	2/8/2022	Mullen Industries LLC
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy