

504752825 01/30/2018

PATENT ASSIGNMENT COVER SHEETElectronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4799553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
DIGITAL ALLY, INC.	01/30/2018
RECEIVING PARTY DATA	
Name:	GLOBAL EQUITY FUNDING, LLC
Street Address:	13901 CONSER #1607
City:	OVERLAND PARK
State/Country:	KANSAS
Postal Code:	66223
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	8520069
Patent Number:	9325950
Patent Number:	8503972
Patent Number:	9712730
Patent Number:	9237262
Patent Number:	9019431
Patent Number:	9253452
Patent Number:	8781292
Patent Number:	D715347
Patent Number:	D715846
Patent Number:	9159371
Patent Number:	8976339
Patent Number:	8629977
Patent Number:	7371021
Patent Number:	9841259
Patent Number:	D529528
Patent Number:	D746888
Patent Number:	D746892
CORRESPONDENCE DATA	

Axon 1008
Axon v. Digital Ally
U.S. Pat. No. 9,712,730

Fax Number: (913)498-1504

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 913-498-1500

Email: jerry@bressellaw.com

Correspondent Name: JEROLD BRESSEL

Address Line 1: 10955 LOWELL, STE. 440

Address Line 4: OVERLAND PARK, KANSAS 66210

NAME OF SUBMITTER:	JEROLD A BRESSEL
SIGNATURE:	/Jerold A Bressel/
DATE SIGNED:	01/30/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=Intellectual Property Security Agreement (Digital Ally, Inc.)#page1.tif

source=Intellectual Property Security Agreement (Digital Ally, Inc.)#page2.tif

source=Intellectual Property Security Agreement (Digital Ally, Inc.)#page3.tif

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source=Intellectual Property Security Agreement (Digital Ally, Inc.)#page5.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT
(Digital Ally, Inc.)

This Intellectual Property Security Agreement, is entered into this 30th day of January 2018 (the “Corporate IP Security Agreement”) by and between DIGITAL ALLY, INC., a Nevada corporation with a place of business at 9705 Loiret Blvd., Lenexa, Kansas, 66219 (the “Borrower”) and GLOBAL EQUITY FUNDING, LLC, with a place of business at 13901 Conser #1607, Overland Park, KS 66223 (the “Lender”).

RECITALS

This Corporate IP Security Agreement is a supplement to that certain Secured Promissory Note and Security Agreement, dated as of December 29th 2017, by and between the Borrower and Lender (collectively the “Loan Agreement”).

All capitalized terms not defined herein shall have the definitions ascribed to them in the Loan Agreement, and are incorporated herein by reference. If there is a conflict between the definitions, terms or provisions of this Corporate IP Security Agreement the Secured Promissory Note and the Security Agreement, the definitions, terms or provisions of the Loan Agreement shall control.

This Corporate IP Security Agreement is executed for the purpose of filing a short form security agreement in the United States Patent and Trademark Office (the “USPTO”) and the US Copyright Office, which sets forth the Borrower’s pledge of its intellectual property as security for the Indebtedness Borrower owes the Lender as set forth in the Secured Promissory Note and Security Agreement and all other loan documents.

GRANT OF SECURITY INTEREST

The Borrower hereby grants to the Lender a security interest in and lien on all of the intellectual property assets owned by the Borrower, including without limitation all patents,

trademarks, and copyrights set forth in **Exhibit 1**, attached hereto and incorporated herein by reference, wherever located and whether now owned or hereafter acquired, all source code associated with such intellectual property, all goodwill of the business of the Borrower connected with the use of, or otherwise symbolized by, such intellectual property, all rights to sue for infringement of such intellectual property, and all parts, replacements, substitutions, profits, products, amendments, updates and cash and non-cash proceeds of any of the foregoing (including insurance proceeds, of any kind, including those payable by reason of loss or damage thereto) in any form and wherever located, and all written or electronically recorded books and records relating to any such assets and other rights relating thereto, wherever located and whether now owned or hereafter acquired (collectively the “Corporate IP Collateral”).

REPRESENTATIONS, WARRANTIES, COVENANTS AND MISCELLANEOUS

All other terms, conditions, agreements, obligations, representations, warranties, covenants, definitions, exhibits and miscellaneous terms, conditions, agreements and obligations set forth in the Loan Agreement are restated and incorporated herein by reference.

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Security Agreement to be duly executed as of the day and year first above written.

THE BORROWER:

DIGITAL ALLY, INC.
/s/ Stanton E. Ross
Stanton E. Ross
Its President and Chief Executive Officer

THE LENDER:

GLOBAL EQUITY FUNDING, LLC
/s/ Harvey M. Burstein
Harvey M. Burstein
Its Managing Member

EXHIBIT "1"

PATENTS

DVM-100

Patent Pending; Patented in foreign countries

DVM-250Plus

8,520,069; 9,325,950

Patent Pending; Patented in foreign countries

DVM-400

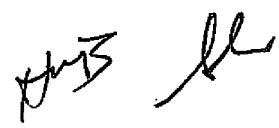
8,520,069

Patent Pending; Patented in foreign countries

DVM-500

8,520,069;

Patent Pending; Patented in foreign countries

Two handwritten signatures in black ink, one appearing to be 'HJB' and the other a stylized 'H' or 'L'.

DVM-500Plus

8,520,069; 8,503,972;

Patent Pending; Patented in foreign countries

DVM-750

8,520,069; 8,503,972; 9,325,950

Patent Pending; Patented in foreign countries

DVM-800

8,520,069; 9,325,950

Patent Pending; Patented in foreign countries

DVM-LIVE

8,520,069; 9,325,950

Patent Pending; Patented in foreign countries

DWM-1000 VoiceVault

8,503,972;

Patent Pending

FirstVu HD

9,712,730; 9,237,262; 9,019,431; 9,253,452;
8,781,292; D715,347; D715,846;

Patent Pending; Foreign Patents Pending

A handwritten signature in black ink, appearing to be 'Hunt' followed by a stylized flourish.

VuLink

9,253,452; 8,781,292;

Patent Pending

MicroVu

9,159,371;

Patent Pending; D746,888; D746,892

Other Patents Owned by Digital Ally:

9,159,371

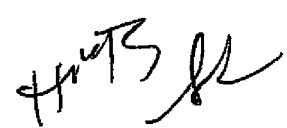
8,976,339

8,629,977

7,371,021

9,841,259

D529528

A handwritten signature in black ink, appearing to be "H. T. S." followed by a stylized flourish.



UNITED STATES PATENT AND TRADEMARK OFFICE

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 NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	04/28/2015	9019431	2539-10.01	4686

118925 7590 04/08/2015
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211

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 Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Digital Ally, Inc., Lenexa, KS, Assignee (with 37 CFR 1.172 Interest);
Steve Phillips, Olathe, KS;
Jason R. Troxel, Lee's Summit, MO;

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.

Office of Petitions: Routing Sheet



Application No. 14/040,329

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application, as indicated below. For details of this decision, please see the document PET.OP.DEC filed on the same date as this document.

☒ **GRANTED**

☐ **DISMISSED**

☐ **DENIED**

Office of Petitions: Decision Count Sheet

Mailing Month

3

Application No.

14040329



For US serial numbers: enter number only, no slashes or commas. Ex: 10123456

For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345

Deciding Official:

WISE, APRIL M.

Count (1) - Palm Credit

14/040,329

Decision: GRANT

FINANCE WORK NEEDED

☐ Select Check Box for YES

Decision Type: 518 - 37 CFR 1.182 REQUEST FOR EXPEDITED CONSIDERATION



Notes:

Count (2)

Decision: GRANT

FINANCE WORK NEEDED

☐ Select Check Box for YES

Decision Type: 535 - 37 CFR 1.78(a)(3) & (a)(6) UNINTENTIONAL DELAY



Notes:

Count (3)

Decision: n/a

FINANCE WORK NEEDED

☐ Select Check Box for YES

Decision Type: NONE

Notes:

Initials of Approving Official (if required)

If more than 3 decisions, attach
2nd count sheet & mark this box

Printed on: 3/30/2015

Office of Petitions Internal Document - Ver. 5.0



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686
118925	7590	04/02/2015		
Erise IP, P.A. 6201 College Blvd., Ste 300 Overland Park, KS 66211			EXAMINER PRABHAKHER, PRITHAM DAVID	
			ART UNIT	PAPER NUMBER
			2662	
			MAIL DATE	DELIVERY MODE
			04/02/2015	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.



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

In re Application of :
Steve Phillips, et al. :
Application No. 14/040,329 : **DECISION ON PETITION**
Filed: September 27, 2013 : **UNDER 37 CFR 1.78(c)**
Attorney Docket No. 2539-10.01 :

This is a decision on the petition under 37 CFR § 1.78(b) which is being treated as a petition under 37 CFR § 1.78(c), filed January 9, 2015, to accept an unintentionally delayed claim under 35 U.S.C. § 119(e) for the benefit of priority to the prior-filed provisional application set forth in the concurrently filed Application Data Sheet (ADS), by way of a Certificate of Correction filed February 24, 2015. This is also a decision on the petition under 37 CFR 1.182, filed February 6, 2015 to expedite the processing of the petition under 37 CFR 1.78.

The petition under 37 CFR 1.182, to expedite processing, and \$200 processing fee have been accepted. Accordingly, the petition to expedite is **GRANTED**.

The petition under 37 CFR 1.78 (c) **GRANTED**.

A petition for acceptance of a claim for late priority under 37 CFR § 1.78(c) is only applicable to those applications filed after the expiration of the period specified in 37 CFR § 1.78(a)(4). In addition, the petition under 37 CFR § 1.78(c) must be accompanied by:

- (1) the reference required by 35 U.S.C. § 119(e) and 37 CFR § 1.78(a)(3) of the prior-filed application, which must be filed in an Application Data Sheet, unless previously submitted;
- (2) the petition fee set forth in § 1.17(m); and
- (3) a statement that the entire delay between the date the claim was due under 37 CFR § 1.78(a)(4) and the date the claim was filed was unintentional. The Director may require additional where there is a question whether the delay was unintentional.

Art Unit: OPET

Additionally, the instant non-provisional application must be pending at the time of filing of the reference to the prior-filed provisional application, as required by 37 CFR 1.78(a)(4). Further, the non-provisional application claiming the benefit of the prior-filed provisional application must have been filed within twelve months of the filing date of the prior-filed provisional application.

All the above requirements having been satisfied, the late claim for benefit of priority under 35 U.S.C. § 119 is accepted as being unintentionally delayed.

The granting of the petition to accept the delayed benefit claim to the prior-filed application under 37 CFR § 1.78(c) should not be construed as meaning that this application is entitled to the benefit of the filing date of the prior-filed application. In order for this application to be entitled to the benefit of the prior-filed application, all other requirements under 35 U.S.C. §119(e) and under 1.78 must be met. Similarly, the fact that the corrected Filing Receipt accompanying this decision on petition includes the prior-filed application should not be construed as meaning that applicant is entitled to the claim for benefit of priority to the prior-filed application noted thereon. Accordingly, the examiner will, in due course, consider this benefit claim and determine whether the application is entitled to the benefit of the earlier filing date.

A corrected Filing Receipt, which includes the priority claim to the prior-filed application, accompanies this decision on petition.

Petitioner is advised that the granting of this petition should not be viewed as an indication that a determination has been made that this application is entitled to claim benefit of the prior-filed application. A determination that applicant is entitled to claim benefit of the prior-filed application will be made by the Examiner prior to the mailing of a Certificate of Correction.

This application is being referred to the Certificates of Correction Branch for processing the request for a Certificate of Correction in accordance with this decision.

Telephone inquiries concerning this decision should be directed to April M. Wise at (571) 272-1642. All other inquiries concerning the processing of the Certification of Correction should be directed to the (571) 272-4200.

/Andrea Smith
Andrea Smith
Lead Paralegal Specialist
Office of Petitions

ATTACHMENT: Corrected Filing Receipt



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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
14/040,329	09/27/2013	2662	1030	2539-10.01	20	3

CONFIRMATION NO. 4686

CORRECTED FILING RECEIPT

118925
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211



Date Mailed: 03/12/2015

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)

Steve Phillips, Olathe, KS;
Jason R. Troxel, Lee's Summit, MO;

Applicant(s)

Digital Ally, Inc., Lenexa, KS

Assignment For Published Patent Application

Digital Ally, Inc., Lenexa, KS

Power of Attorney: The patent practitioners associated with Customer Number 118925

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/707,348 09/28/2012
and claims benefit of 61/707,326 09/28/2012

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.

Permission to Access - A proper **Authorization to Permit Access to Application by Participating Offices** (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 10/16/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/040,329**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

PORTABLE VIDEO AND IMAGING SYSTEM

Preliminary Class

348

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).

SelectUSA

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.



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and claims benefit of 61/707,326 09/28/2012

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If Required, Foreign Filing License Granted: 10/16/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/040,329**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

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PORTABLE VIDEO AND IMAGING SYSTEM

Preliminary Class

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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).

SelectUSA

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: PHILLIPS, Steve et al. Serial No.: 14/040,329 Filed: September 27, 2013 PORTABLE VIDEO AND IMAGING SYSTEM	Docket No.: 2539-10.01 Confirmation No.: 4686 Group Art Unit No.: 2662 Customer No.: 118925 Examiner: Prabhaker, Pritham D.

Commissioner of Patents
Office of Patent Publication
ATTN: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION
OF PATENT FOR APPLICANT'S MISTAKE (37 C.F.R. 1.323, 35 U.S.C. 255)**

Applicant, through its attorneys, hereby requests a Certificate of Correction. The Issue Notification for this application has not yet been sent. Therefore, Applicant is unaware at this time what the patent number and issue date will be. Applicant requests that when this application issues, the Patent Office issue a Certificate of Correction updating the priority information as reflected in PTO form SB44, for which a copy is submitted herewith. Also submitted herewith is the one-hundred dollar (\$100) fee specified in 37 C.F.R. § 1.20(a).

Applicant was instructed on February 23, 2015, to file this Request by Ms. Wise in the Office of Petitions.

If there are any additional questions regarding this Request for Correction, please contact the undersigned. Any fee that is due in connection with this Request should be applied against Deposit Account No. 50-6159.

Respectfully submitted,

ERISE IP, P.A.

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard, Ste. 300
Overland Park, Kansas 66211
913-777-5600
ATTORNEYS FOR APPLICANT(S)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. :

APPLICATION NO.: 14/040,329

ISSUE DATE :

INVENTOR(S) : Steve Phillips
Jason R. Troxel

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Amend the Related U.S. Application Data to include priority to two U.S. Provisional Applications, as follows:

Provisional Application No. 61/707,348 filed on Sep. 28, 2012

Provisional Application No. 61/707,326 filed on Sep. 28, 2012

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Erise IP, P.A.
6201 College Boulevard, Suite 300
Overland Park, KS 66211

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. 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 1.0 hour 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: Attention Certificate of Corrections Branch, 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.

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.

Electronic Patent Application Fee Transmittal				
Application Number:		14040329		
Filing Date:		27-Sep-2013		
Title of Invention:		PORTABLE VIDEO AND IMAGING SYSTEM		
First Named Inventor/Applicant Name:		Steve Phillips		
Filer:		Jennifer C. Bailey/Stephanie Emert		
Attorney Docket Number:		2539-10.01		
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:				
Certificate of Correction	1811	1	100	100

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				100

Electronic Acknowledgement Receipt

EFS ID:	21588202
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	24-FEB-2015
Filing Date:	27-SEP-2013
Time Stamp:	17:23:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 100
RAM confirmation Number	4099
Deposit Account	506159
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	Request for Certificate of Correction	01_Request_for_Certificate_of_Correction_as_Filed_2539_10_01.pdf	58808	no	1
			2bb94d309655df1ce008141e515952126e4ee22f		
Warnings:					
Information:					
2	Request for Certificate of Correction	02_Certificate_of_Correction_as_Filed_2539_10_01.pdf	163973	no	2
			b6dce5472deb3579d9d73e36ae7b6b3e9d872272		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30307	no	2
			5718d5f08ced790eb7d318fc678abc5943567fa7		
Warnings:					
Information:					
Total Files Size (in bytes):			253088		

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Docket No.: 2539-10.01
PHILLIPS, Steve et al.	Confirmation No.: 4686
Serial No.: 14/040,329	Group Art Unit No.: 2662
Filed: September 27, 2013	Customer No.: 118925
PORTABLE VIDEO AND IMAGING SYSTEM	Examiner: Prabhaker, Pritham D.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO EXPEDITE UNDER 37 C.F.R. 1.182

Please expedite consideration of Applicant's Petition to Accept an Unintentionally Delayed Claim for Priority Under 37 C.F.R. 1.78(b) which was submitted with the Patent Office on January 9, 2015, in connection with the above-captioned patent application. Submitted herewith is payment in the amount of \$200 for the small entity Petition fee.

Please contact the undersigned with any questions. Any fee that is due in connection with this Petition should be applied against Deposit Account No. 50-6159.

Respectfully submitted,

ERISE IP, P.A.

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard, Ste. 300
Overland Park, Kansas 66211
913-777-5600

ATTORNEYS FOR APPLICANT(S)

Electronic Patent Application Fee Transmittal				
Application Number:		14040329		
Filing Date:		27-Sep-2013		
Title of Invention:		PORTABLE VIDEO AND IMAGING SYSTEM		
First Named Inventor/Applicant Name:		Steve Phillips		
Filer:		Jennifer C. Bailey/Stephanie Emert		
Attorney Docket Number:		2539-10.01		
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:				
Petition Fee - 37 CFR 1.17(F)(Group I)	2462	1	200	200
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				200

Electronic Acknowledgement Receipt

EFS ID:	21543152
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	19-FEB-2015
Filing Date:	27-SEP-2013
Time Stamp:	15:14:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$200
RAM confirmation Number	1626
Deposit Account	506159
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	Petition for review by the Office of Petitions.	01_Petition_to_Expedite_as_Filled_10_01.pdf	54694 bef1a9639867dec4223ad151b1d0615a46c9e0d8	no	1

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30472 aab3523a0962086006d2e58513dd6aad6ff184c6	no	2

Warnings:

Information:

Total Files Size (in bytes):			85166

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:
PHILLIPS, Steve et al.
Serial No.: 14/040,329
Filed: September 27, 2013
PORTABLE VIDEO AND IMAGING
SYSTEM

Docket No.: 2539-10.01
Confirmation No.: 4686
Group Art Unit No.: 2662
Customer No.: 118925
Examiner: Prabhaker, Pritham D.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED CLAIM FOR
PRIORITY UNDER 37 C.F.R. 1.78(b)**

Applicant respectfully petitions the Office to accept an unintentionally delayed claim for priority under 37 C.F.R. 1.78(b). The requirements of 37 C.F.R. 1.78(b) are hereby satisfied:

(1) The reference required by 35 U.S.C. 119(e) to the prior-filed provisional application:

Applicant submits herewith a marked-up Application Data Sheet claiming the priority to U.S. Provisional Application No. 61/707,326, filed September 28, 2012, and entitled “MOBILE VIDEO AND IMAGING SYSTEM” (“the ’326 Application”), which was pending at the time the present application was filed.

(2) The surcharge set forth in § 1.17(t):

Concurrent with submission of this Petition, Applicant is submitting the surcharge of \$850.00 for this Petition.

(3) Statement that the entire delay was unintentional:

Applicant hereby respectfully submits that the entire delay between the date the benefit claim was due and the date the benefit claim was filed was unintentional. Applicant notes that the

Petition to Accept an Unintentionally Delayed Claim for Priority dated January 9, 2015
Application No. 14/040,329
Docket No. 2539-10.01

present application as filed on September 27, 2013, claimed the benefit of the '326 Application, but that the benefit was not listed on the originally-filed ADS.

Applicant respectfully requests that the Patent Office grant this Petition to Accept an Unintentionally Delayed Claim for Priority of earlier filed U.S. Provisional Patent Application No. 61/707,326.

Please contact the undersigned with any questions. Any fee that is due in connection with this Petition should be applied against Deposit Account No. 50-6159.

Respectfully submitted,

ERISE IP, P.A.

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard, Ste. 300
Overland Park, Kansas 66211
913-777-5600

ATTORNEYS FOR APPLICANT(S)

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	2539-10.01
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
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.)

Inventor Information:

Inventor 1					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Steve		Phillips			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Olathe	State/Province	KS	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		11341 S. Wilder Road				
Address 2						
City	Olathe	State/Province	KS			
Postal Code	66061	Country	US			
Inventor 2					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Jason	R.	Troxel			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Lee's Summit	State/Province	MO	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		3120 SW Ragan Drive				
Address 2						
City	Lee's Summit	State/Province	MO			
Postal Code	64082	Country	US			
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					Add	

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	2539-10.01
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

☐ An Address is being provided for the correspondence information of this application.

Customer Number	118925		
Email Address	patents@eriseip.com	Add Email	Remove Email

Application Information:

Title of the Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
Attorney Docket Number	2539-10.01	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	18	Suggested Figure for Publication (if any)	1

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 and will not be the subject of an application filed in another country, or under a multilateral international 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). Either enter 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	☐ Limited Recognition (37 CFR 11.9)
Customer Number	118925		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. 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.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61707348	2012-09-28

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	2539-10.01
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61707326	2012-09-28
Additional Domestic Benefit/National Stage 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).			
			Remove
Application Number	Country	Filing Date (YYYY-MM-DD)	Priority Claimed
			☒ Yes ☐ No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Authorization to Permit Access:

☒ Authorization to Permit Access to the Instant Application by the Participating Offices
If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	2539-10.01
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

☒ Assignee	☐ Legal Representative under 35 U.S.C. 117
☐ Person to whom the inventor is obligated to assign.	☐ Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor : If the Assignee is an Organization check here. ☒Organization Name Digital Ally, Inc.**Mailing Address Information:**

Address 1	9705 Loiret Boulevard		
Address 2			
City	Lenexa	State/Province	KS
Country	US	Postal Code	66219
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications

Signature	/Jennifer C. Bailey/		Date (YYYY-MM-DD)	2015-01-09	
First Name	Jennifer	Last Name	Bailey	Registration Number	52583

Additional Signature may be generated within this form by selecting the Add button.

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	2539-10.01
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

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 USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal				
Application Number:		14040329		
Filing Date:		27-Sep-2013		
Title of Invention:		PORTABLE VIDEO AND IMAGING SYSTEM		
First Named Inventor/Applicant Name:		Steve Phillips		
Filer:		Jennifer C. Bailey/Stephanie Emert		
Attorney Docket Number:		2539-10.01		
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:				
Pet. Delay Sub or Restore Priority-Claim	2454	1	850	850
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				850

Electronic Acknowledgement Receipt

EFS ID:	21173153
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	09-JAN-2015
Filing Date:	27-SEP-2013
Time Stamp:	16:47:38
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$850
RAM confirmation Number	3459
Deposit Account	506159
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	Petition for review by the Office of Petitions.	Petition_to_Accept_an_Un- tionally_Delayed_Claim_to_Prio- rity_as_Filed_2539_10_01.pdf	76779 afb2e9fb30327f59a533c842cb69e9b670da b3e1	no	2

Warnings:

Information:

2	Application Data Sheet	Markup_ADS_as_Filed_10_01. pdf	962269 957d81997566d2088195bd2638d05a2111 4fca9b	no	6

Warnings:

Information:

This is not an USPTO supplied ADS fillable form

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

3	Fee Worksheet (SB06)	fee-info.pdf	30565 515291a4b6e98f1d2818692bb688be15609 0300d	no	2

Warnings:

Information:

Total Files Size (in bytes): 1069613

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.



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 NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/040,329	09/27/2013	2662	1030	2539-10.01	20	3

CONFIRMATION NO. 4686

CORRECTED FILING RECEIPT

118925
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211



Date Mailed: 12/22/2014

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)

Steve Phillips, Olathe, KS;
Jason R. Troxel, Lee's Summit, MO;

Applicant(s)

Digital Ally, Inc., Lenexa, KS

Assignment For Published Patent Application

Digital Ally, Inc., Lenexa, KS

Power of Attorney: The patent practitioners associated with Customer Number 118925

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/707,348 09/28/2012

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.

Permission to Access - A proper **Authorization to Permit Access to Application by Participating Offices** (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 10/16/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/040,329**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

PORTABLE VIDEO AND IMAGING SYSTEM

Preliminary Class

348

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).

SelectUSA

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

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 NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/040,329	09/27/2013	Steve Phillips	2539-10.01

118925
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211

CONFIRMATION NO. 4686

IMPROPER CFR REQUEST



OC000000072495777

Date Mailed: 12/22/2014

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Continuity, Priority Claims, Petitions, and Non-Publication Requests

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.

/byemane/

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

Application of:	Docket No.: 2539-10.01
PHILLIPS, Steve et al.	Confirmation No.: 4686
Serial No.: 14/040,329	Group Art Unit No.: 2662
Filed: September 27, 2013	Customer No.: 118925
PORTABLE VIDEO AND IMAGING SYSTEM	Examiner: Prabhaker, Pritham D.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Applicant noted an error on the original Filing Receipt dated October 24, 2013. The Domestic Priority information on the Filing Receipt is incorrect. It appears the Application Data Sheet submitted with the above-captioned patent application on September 27, 2013, inadvertently listed only one of the provisional application priority claims. However, the original Specification submitted on September 27, 2013, correctly listed both provisional application priority claims in the Related Application section, i.e., Paragraph [0001]. Therefore, Applicant submits herewith a marked-up copy of the original Application Data Sheet that reflects both provisional application priority claims. Specifically, the Application Data Sheet has been updated to include a priority claim to U.S. Provisional Application No. 61/707,326, filed September 28, 2012, in addition to the priority claim to U.S. Provisional Application No. 61/707,348, filed September 28, 2012. Applicant requests that the Patent Office issue a corrected Filing Receipt updating the Domestic Priority information to be consistent with the priority claims listed in the original Specification at the time of filing and the marked-up Application Data Sheet enclosed herewith.

Request for Corrected Filing Receipt dated December 18, 2014
Application No. 14/040,329
Docket No. 2539-10.01

Additionally, the enclosed marked-up Application Data Sheet reflects the undersigned's updated customer number, e-mail address, and attorney docket number. Applicant requests that the corrected Filing Receipt reflect the undersigned's updated information that is consistent with the Power of Attorney filed on January 27, 2014.

Please contact the undersigned with any questions. Any fee which is due in connection with this Response should be applied against Deposit Account No. 506159.

Respectfully submitted,

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard
Suite 300
Overland Park, Kansas 66211
913-777-5600

ATTORNEYTS FOR APPLICANT(S)

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566* <u>2539-10.01</u>
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
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.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Steve		Phillips	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Olathe	State/Province	KS	Country of Residence US
Mailing Address of Inventor:				
Address 1		11341 S. Wilder Road		
Address 2				
City	Olathe	State/Province	KS	
Postal Code	66061	Country i	US	
Inventor 2 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Jason	R.	Troxel	
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service				
City	Lee's Summit	State/Province	MO	Country of Residence US
Mailing Address of Inventor:				
Address 1		3120 SW Ragan Drive		
Address 2				
City	Lee's Summit	State/Province	MO	
Postal Code	64082	Country i	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566 <u>2539-10.01</u>
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

☐ An Address is being provided for the correspondence information of this application.			
Customer Number	23589 <u>118925</u>		
Email Address	<u>patents@erisrip.com</u>	Add Email	Remove Email

Application Information:

Title of the Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
Attorney Docket Number	44566	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	18	Suggested Figure for Publication (if any)	1

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 and will not be the subject of an application filed in another country, or under a multilateral international 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). Either enter 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	☐ Limited Recognition (37 CFR 11.9)
Customer Number	23589 <u>118925</u>		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. 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.			
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61707348	2012-09-28

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44586 <u>2539-10.01</u>
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61707326	2012-09-28
Additional Domestic Benefit/National Stage 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).			
Remove			
Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Priority Claimed
			☒ Yes ☐ No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Authorization to Permit Access:

☒ Authorization to Permit Access to the Instant Application by the Participating Offices
If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566- <u>2539-10.01</u>
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

Applicant 1			
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
☒ Assignee		☐ Legal Representative under 35 U.S.C. 117	
☐ Person to whom the inventor is obligated to assign.		☐ Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor :			
If the Assignee is an Organization check here. ☒			
Organization Name	Digital Ally, Inc.		
Mailing Address Information:			
Address 1	9705 Loiret Boulevard		
Address 2			
City	Lenexa	State/Province	KS
Country	US	Postal Code	66219
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
Signature		/Jennifer C. Bailey/		Date (YYYY-MM-DD)	<u>2014-12-18</u>
First Name	Jennifer	Last Name	Bailey	Registration Number	52583
Additional Signature may be generated within this form by selecting the Add button.					

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566 <u>2539-10.01</u>
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

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 USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	21002296
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	18-DEC-2014
Filing Date:	27-SEP-2013
Time Stamp:	13:10:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Corrected Filing Receipt	01_Request_for_Corrected_Filing_Receipt_as_Filed_2539_10_01.pdf	52611 5993f3c8284c043033e31c5efe2dc4326a81aa32	no	2

Warnings:

Information:

2	Application Data Sheet	02_Markup_ADS_as_Filed_10_01.pdf	3957075 35ea368674e8a25ba5190a1fe8ec40bcb3c3585	no	6
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Total Files Size (in bytes):			4009686		
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.					

<i>Index of Claims</i> 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

✓	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	12/31/2013	02/25/2014	09/03/2014															
1	1	÷	✓	=															
2	2	÷	✓	=															
3	3	÷	✓	=															
	4	÷	✓	-															
	5	÷	✓	-															
4	6	÷	✓	=															
	7	÷	✓	-															
	8	÷	O	-															
5	9	÷	✓	=															
6	10	÷	✓	=															
	11	÷	N	-															
	12	÷	N	-															
	13	÷	N	-															
	14	÷	N	-															
	15	÷	N	-															
	16	÷	N	-															
	17	÷	N	-															
8	18	÷	✓	=															
	19	÷	✓	-															
	20	÷	N	-															
	21			-															
	22			-															
	23			-															
9	24			=															
7	25			=															
10	26			=															
11	27			=															
12	28			=															
13	29			=															
14	30			=															



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686
118925	7590	11/13/2014		
Erise IP, P.A. 6201 College Blvd., Ste 300 Overland Park, KS 66211			EXAMINER PRABHAKHER, PRITHAM DAVID	
			ART UNIT	PAPER NUMBER
			2662	
			MAIL DATE	DELIVERY MODE
			11/13/2014	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. 14/040,329	Applicant(s) PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER	Art Unit 2662	AIA (First Inventor to File) 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 claims filed on 05/28/2014.
☐ 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 1-3,6,9,10,18 and 24-30. 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 <u>See Continuation Sheet</u> 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 <u>General Notice of Communication</u> .

/PRITHAM PRABHAKHER/ Examiner, Art Unit 2662	

Continuation of Attachment(s) 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 09/27/13 and 03/13/14.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address : COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
14/040,329	27 September, 2013	PHILLIPS ET AL.	2539-10.01

Erise IP, P.A. 6201 College Blvd., Ste 300 Overland Park, KS 66211		EXAMINER	
		PRITHAM PRABHAKHER	
		ART UNIT	PAPER
		2662	20141112

DATE MAILED:

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

Commissioner for Patents

The information disclosure statement (IDS) submitted on 09/27/2013 and 03/13/2014 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Note: Item 35 in the IDS from 09/27/2013 is not considered since it appears that a portion of the document citation is missing. For instance, information such as the date of the article/website is missing.

/PRITHAM PRABHAKHER/
Examiner, Art Unit 2662

DETAILED ACTION

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

1.) Information Disclosure Statement

The information disclosure statement (IDS) submitted on 09/27/2013 and 03/13/2014 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Note: Item 35 in the IDS from 09/27/2013 is not considered since it appears that a portion of the document citation is missing. For instance, information such as the date of the article/website is missing.

2.) EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jennifer C. Bailey (Reg. No.: 52583) on 09/02/2014.

The application has been amended as follows:

1. (Currently Amended) A portable video system comprising:

a camera component for capturing video of an event, said camera component comprising a camera housed within a camera component housing ~~having~~ ~~a size~~ configured to be mounted on a user's body,

wherein the camera component housing includes a front side and a rear side,

and wherein said rear side of the camera component housing has a recessed seat,

said ~~housing of the~~ camera component housing including an input to instruct recording by the camera;

a recording component comprising a processor and a memory associated with the camera for storing the captured video; and

a mounting assembly for mounting the camera to the user's body, the mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate,

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user's

button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from said front of the slotted plate, and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the camera component housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the camera component housing to secure the camera to said button-mount assembly.

4-5. (Cancelled)

6. (Currently Amended) The portable video system of claim [[5]] 1, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

7. (Cancelled)

9. (Currently Amended) The portable video system of claim 1, wherein said camera component housing ~~for the camera~~ is a first housing, wherein said processor and memory are stored in a second housing, and wherein the second housing is physically separated from the first housing.

18. (Currently Amended) A portable video system comprising:
a camera for capturing video of an event, said camera housed within a first housing ~~having a size~~ configured to be mounted on a user's body,
wherein said first housing includes ~~a first~~ an input to instruct recording by the camera ~~and a second input to instruct the marking of the captured video with a time stamp,~~
wherein said first housing includes a recessed seat on a side of the first housing;
a microphone for capturing audio of an event;
a recording device housed within a second housing and operable to record the captured video and captured audio of the event,
said recording device being communicatively coupled with the camera and microphone,
said recording device including a processor and a memory for storing said captured video and captured audio of the event,
said second housing being physically separated from said first housing;
~~a lock mechanism positioned on an exterior of said second housing,~~
~~wherein the lock mechanism is operable to selectively enable access to a memory element located within the housing;~~
a mounting assembly for mounting at least the camera to a user's body or a clothing article[.].

the mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on said clothing article of the user,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate,

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from said front of the slotted plate and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the first housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the first housing to secure the camera to said button-mount assembly.

19-23. (Cancelled)

24. (Currently Amended) The portable video system of claim ~~[[1]]~~ 18, wherein the microphone is located within said first housing ~~of the camera component.~~

25. (Currently Amended) The portable video system of claim 9, further comprising:
a lock mechanism positioned on an exterior of said second housing,
wherein the lock mechanism is operable to selectively enable access to ~~[[a]]~~ said memory ~~element~~ located within said second housing.

26. (New) The portable video system of claim 18, wherein said camera comprises an image sensor and a lens.

27. (New) The portable video system of claim 18, wherein said camera is operable to capture the event for a predetermined period of time prior to the user actuating the input to instruct recording by the portable video system.

28. (New) The portable video system of claim 18, further comprising:
a lock mechanism positioned on an exterior of said second housing,
wherein the lock mechanism is operable to selectively enable access to the
memory located within said second housing.

29. (New) The portable video system of claim 18, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

30. (New) The portable video system of claim 18, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

3.) Allowable Subject Matter

Claims 1-3, 6, 9-10, 18 and 24-30 are allowed.

The following is an examiner's statement of reasons for allowance:

With regard to independent **Claim 1**, the closest prior-art of record fails to teach or reasonably disclose the combination of the limitations to the claim that includes, "A portable video system comprising: a camera component for capturing video of an event, said camera component comprising a camera housed within a camera component housing configured to be mounted on a user's body, wherein the camera component housing includes a front side and a rear side, and wherein said rear side of the camera component housing has a recessed seat,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate.

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from said front of the slotted plate, and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate.

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket.

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket.

wherein the camera component housing is configured to be coupled with the mounting bracket of the button-mount assembly.

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the camera component housing to secure the camera to said button-mount assembly."

With regard to dependent **Claims 2-3, 6, 9-10 and 25**, these claims are also allowed due to their dependence on allowed independent claim 1.

With regard to independent **Claim 18**, the closest prior-art of record fails to teach or reasonably disclose the combination of the limitations to the claim that includes, *“A portable video system comprising: a camera for capturing video of an event, said camera housed within a first housing configured to be mounted on a user’s body, wherein said first housing includes a recessed seat on a side of the first housing;*

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate,

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user’s button and guided downwards over yarn or other material that secures the button to the user’s clothing article so that the button extends from said front of the slotted plate and the yarn or other material securing the button to the user’s clothing article is held within the slot of the slotted plate,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the first housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the first housing to secure the camera to said button-mount assembly.”

With regard to dependent **Claims 24 and 26-30**, these claims are also allowed due to their dependence on allowed independent claim 18.

The following are the closest prior-art of record:

Dischinger (US Pub No.: 20090141129A1) discloses a surveillance and communication system is provided and includes two-way audio communication capabilities and a covert video acquisition system. In one embodiment, a system for acquiring video data within an environment is provided. The system includes a device having an image acquisition component, an audio acquisition component, and a speaker provided within an enclosure that is configured to be mounted to a portion of a user.

Webster (US Patent No.: 8175314B1) discloses a tactical microphone support system to attach a tactical microphone to a law enforcement uniform and keep it supported in place, particularly when a law enforcement officer is being physically active, such as, for example, while pursuing a suspect. Preferably, the tactical microphone support attaches to at least one button on a law enforcement shirt. The tactical microphone support provides for center, right or left handed attachment.

However, none of the above references either alone or in combination with the other prior-art of record sufficiently disclose the underlined limitations to the above mentioned claims.

Conclusion

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."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRITHAM PRABHAKHER whose telephone number is (571)270-1128. The examiner can normally be reached on M-F (7:30-5:00) Alt Friday's Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roberto Velez can be reached on (571)272-8597. 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.

Pritham David Prabhakher
Patent Examiner
Pritham.Prabhakher@uspto.gov
/PRITHAM PRABHAKHER/
Examiner, Art Unit 2662

Notice of References Cited	Application/Control No. 14/040,329		Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER		Art Unit 2662	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2009/0141129 A1	06-2009	Dischinger, Craig A.	348/158
*	B	US-2008/0030580 A1	02-2008	Kashiwa et al.	348/158
*	C	US-5,752,632	05-1998	Sanderson et al.	224/182
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14040329 - GAI: 2662

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329
	Filing Date		2013-09-27
	First Named Inventor	PHILLIPS, Steve et al.	
	Art Unit	2662	
	Examiner Name	PRABHAKHER, Pritham David	
	Attorney Docket Number	2539-10.01	

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	First Named Inventor	PHILLIPS, Steve et al.		
	Art Unit	2662		
	Examiner Name	PRABHAKHER, Pritham David		
	Attorney Docket Number	2539-10.01		

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	1	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration dated January 30, 2014; International Application No. PCT/US2013/062415; International Filing Date: September 27, 2013; Applicant: Digital Ally, Inc.	☐

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	Examiner Name	PRABHAKHER, Pritham David	
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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jennifer C. Bailey/	Date (YYYY-MM-DD)	2014-03-13
Name/Print	Jennifer C. Bailey	Registration Number	52,583

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SERIAL NUMBER 14/040,329	FILING or 371(c) DATE 09/27/2013 RULE	CLASS 348	GROUP ART UNIT 2662	ATTORNEY DOCKET NO. 2539-10.01	
APPLICANTS Digital Ally, Inc., Lenexa, KS, Assignee (with 37 CFR 1.172 Interest); INVENTORS Steve Phillips, Olathe, KS; Jason R. Troxel, Lee's Summit, MO; ** CONTINUING DATA ***** This appln claims benefit of 61/707,348 09/28/2012 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 10/16/2013					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and /PRITHAM DAVID PRABHAKHER/ Acknowledged Examiner's Signature	☐ Met after Allowance PDP Initials	STATE OR COUNTRY KS	SHEETS DRAWINGS 18	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS Erise IP, P.A. 6201 College Blvd., Ste 300 Overland Park, KS 66211 UNITED STATES					
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CPC COMBINATION SETS - SEARCHED		
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US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	77,82,114-115,143,149,151,158,211.99-211.4,211.14,373-376	9/4/2014	PP
340	194,230	9/4/2014	PP
206	316.1-316.3	9/4/2014	PP
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Receipt date: 09/27/2013 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329 - GAU: 2662
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jennifer C. Bailey/	Date (YYYY-MM-DD)	2013-09-27
Name/Print	Jennifer C. Bailey	Registration Number	52583

/Pritham Prabhakher/ (11/12/2014)

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 1 hour 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.**

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.

/Pritham Prabhakher/ (11/12/2014)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.P./

Issue Classification 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

CPC		
Symbol	Type	Version
H04N 5 2252	F	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Assistant Examiner)	Total Claims Allowed: 14
/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Primary Examiner)	09/04/2014 (Date)
	O.G. Print Claim(s) 1
	O.G. Print Figure 5

Issue Classification 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION													
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED								
348		376				H	0	4	N	5 / 225									
CROSS REFERENCE(S)						B	6	5	D	85 / 38									
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																		
348	373	375																	
206	316.1	316.2																	

/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Assistant Examiner)		Total Claims Allowed: 14	
/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Primary Examiner)		09/04/2014 (Date)	O.G. Print Claim(s) 1
			O.G. Print Figure 5

Issue Classification 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1		17												
2	2	8	18												
3	3		19												
	4		20												
	5		21												
4	6		22												
	7		23												
	8	9	24												
5	9	7	25												
6	10	10	26												
	11	11	27												
	12	12	28												
	13	13	29												
	14	14	30												
	15														
	16														

/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Assistant Examiner)	(Date)	Total Claims Allowed: 14	
/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Primary Examiner)	09/04/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 5

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (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)

118925 7590 09/11/2014
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211

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.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686

TITLE OF INVENTION: PORTABLE VIDEO AND IMAGING SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/11/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
PRABHAKHER, PRITHAM DAVID	2662	348-376000

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,
- (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 Erise IP, P.A.

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)

Digital Ally, Inc.

Lenexa, Kansas

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 submitted:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 506159 (enclose an extra copy of this form).

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 /Jennifer C. Bailey/

Date November 13, 2014

Typed or printed name Jennifer C. Bailey

Registration No. 52,583

Electronic Patent Application Fee Transmittal				
Application Number:		14040329		
Filing Date:		27-Sep-2013		
Title of Invention:		PORTABLE VIDEO AND IMAGING SYSTEM		
First Named Inventor/Applicant Name:		Steve Phillips		
Filer:		Jennifer C. Bailey/Stephanie Emert		
Attorney Docket Number:		2539-10.01		
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:				
Utility Appl Issue Fee	2501	1	480	480
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				480

Electronic Acknowledgement Receipt

EFS ID:	20688337
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	13-NOV-2014
Filing Date:	27-SEP-2013
Time Stamp:	14:47:01
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$480
RAM confirmation Number	1059
Deposit Account	506159
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	Issue Fee Payment (PTO-85B)	Fee_Transmittal_as_Filed_10_01.pdf	108953 bf6f1a8ff76d070ff0ce92e5785104041e5cb4b4	no	1

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	31908 793ca2c8b789f95c3f0773d11fcabb0d9b1e5fdbb	no	2

Warnings:

Information:

Total Files Size (in bytes):			140861

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.



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

118925 7590 09/11/2014
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211

EXAMINER

PRABHAKHER, PRITHAM DAVID

ART UNIT

PAPER NUMBER

2662

DATE MAILED: 09/11/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686

TITLE OF INVENTION: PORTABLE VIDEO AND IMAGING SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/11/2014

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: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (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)

118925 7590 09/11/2014
Erise IP, P.A.
6201 College Blvd., Ste 300
Overland Park, KS 66211

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.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686

TITLE OF INVENTION: PORTABLE VIDEO AND IMAGING SYSTEM

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	12/11/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
PRABHAKHER, PRITHAM DAVID	2662	348-376000

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 submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

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.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686
118925	7590	09/11/2014	EXAMINER	
Erise IP, P.A. 6201 College Blvd., Ste 300 Overland Park, KS 66211			PRABHAKHER, PRITHAM DAVID	
			ART UNIT	PAPER NUMBER

2662

DATE MAILED: 09/11/2014

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 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. 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.

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	14/040,329	PHILLIPS ET AL.	
	Examiner	Art Unit	
	PRITHAM PRABHAKHER	2662	

All participants (applicant, applicant's representative, PTO personnel):

(1) PRITHAM PRABHAKHER. (3) ____.

(2) Jennifer Bailey (Reg. No.: 52583). (4) ____.

Date of Interview: 03 September 2014.

Type: ☒ Telephonic ☐ Video Conference
 ☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
 If Yes, brief description: ____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
 (For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1 and 18.

Identification of prior art discussed: Dischinger (US Pub No.: 2009/0141129A1) in view of Kashiwa (US Pub No.: 2008/0030580A1) and Webster (US Patent No. 8175314B1).

Substance of Interview
 (For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Claim 8 was objected to in the Office Action mailed on 03/05/2014. Claim 8 depended on claim 7 which depended on claims 5 and 4. However, the entire content of these claims was not included in the claims filed on 05/28/2014. The Attorney agreed to amend the content of these claims into independent claims 1 and 18. Additionally, the word "general" was removed from all the claims where it appeared and the words "having a size" was removed from the independent claims. With regard to claim 18, the phrase "second input to instruct the marking of the captured video with a time stamp" was removed from the claim since the Examiner indicated that sufficient support wasn't found for this limitation to the claim. Withdrawn claim 20 was cancelled since it conflicted with newly amended independent claim 18. New dependent claims 26-30 were also added. Finally, there was a misnumbering with elements in drawings 2, 3, 5 and 8. Figures 2, 3, and 5 have been amended to add reference number 32 indicating the "first input," i.e. the on/off switch. Figure 8 has been amended to add reference number 34 indicating the "second input," i.e. the event-marking button. Reference number 24, which already appeared in multiple drawing figures, refers to the "user interface elements" generally, i.e. both the first input and the second input. As a result, a new set of Drawings was filed on 09/02/2014. The Attorney came into agreement with the Examiner on entering the changes to the claims via an Examiner's Amendment. Therefore, a conclusion has been reached.

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Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/PRITHAM PRABHAKHER/ Examiner, Art Unit 2662	

Notice of Allowability	Application No. 14/040,329	Applicant(s) PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER	Art Unit 2662	AIA (First Inventor to File) 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 claims filed on 05/28/2014.
☐ 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 1-3,6,9,10,18 and 24-30. 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 <u>See Continuation Sheet</u> 3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. ☒ Interview Summary (PTO-413), Paper No./Mail Date <u>09/02/2014</u>.	5. ☒ Examiner's Amendment/Comment 6. ☒ Examiner's Statement of Reasons for Allowance 7. ☐ Other _____.

/PRITHAM PRABHAKHER/
Examiner, Art Unit 2662

Continuation of Attachment(s) 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 03/13/14 and 09/27/13.

DETAILED ACTION

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

1.) Information Disclosure Statement

The information disclosure statement (IDS) submitted on 09/27/2013 and 03/13/2014 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

2.) EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jennifer C. Bailer (Reg. No.: 52583) on 09/02/2014.

The application has been amended as follows:

1. (Currently Amended) A portable video system comprising:

a camera component for capturing video of an event, said camera component comprising a camera housed within a camera component housing ~~having~~ a size configured to be mounted on a user's body,

wherein the camera component housing includes a front side and a rear side, and wherein said rear side of the camera component housing has a recessed seat,

said ~~housing of the~~ camera component housing including an input to instruct recording by the camera;

a recording component comprising a processor and a memory associated with the camera for storing the captured video; and

a mounting assembly for mounting the camera to the user's body, the mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate,

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from said

front of the slotted plate, and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the camera component housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the camera component housing to secure the camera to said button-mount assembly.

4-5. (Cancelled)

6. (Currently Amended) The portable video system of claim [[5]] 1, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket

and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

7. (Cancelled)

9. (Currently Amended) The portable video system of claim 1, wherein said camera component housing ~~for the camera~~ is a first housing, wherein said processor and memory are stored in a second housing, and wherein the second housing is physically separated from the first housing.

18. (Currently Amended) A portable video system comprising:
a camera for capturing video of an event, said camera housed within a first housing ~~having a size~~ configured to be mounted on a user's body,
wherein said first housing includes ~~a first~~ an input to instruct recording by the camera ~~and a second input to instruct the marking of the captured video with a time stamp,~~
wherein said first housing includes a recessed seat on a side of the first housing;
a microphone for capturing audio of an event;
a recording device housed within a second housing and operable to record the captured video and captured audio of the event,
said recording device being communicatively coupled with the camera and microphone,
said recording device including a processor and a memory for storing said captured video and captured audio of the event,
said second housing being physically separated from said first housing;
~~a lock mechanism positioned on an exterior of said second housing,~~
~~wherein the lock mechanism is operable to selectively enable access to a memory element located within the housing;~~
a mounting assembly for mounting at least the camera to a user's body or a clothing article[.].

the mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on said clothing article of the user,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate,

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from said front of the slotted plate and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the first housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the first housing to secure the camera to said button-mount assembly.

19-23. (Cancelled)

24. (Currently Amended) The portable video system of claim [[1]] 18, wherein the microphone is located within said first housing ~~of the camera component.~~

25. (Currently Amended) The portable video system of claim 9, further comprising:
a lock mechanism positioned on an exterior of said second housing,
wherein the lock mechanism is operable to selectively enable access to [[a]] said
memory ~~element~~ located within said second housing.

26. (New) The portable video system of claim 18, wherein said camera comprises an image sensor and a lens.

27. (New) The portable video system of claim 18, wherein said camera is operable to capture the event for a predetermined period of time prior to the user actuating the input to instruct recording by the portable video system.

28. (New) The portable video system of claim 18, further comprising:
a lock mechanism positioned on an exterior of said second housing,
wherein the lock mechanism is operable to selectively enable access to the
memory located within said second housing.

29. (New) The portable video system of claim 18, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

30. (New) The portable video system of claim 18, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

3.) Allowable Subject Matter

Claims 1-3, 6, 9-10, 18 and 24-30 are allowed.

The following is an examiner's statement of reasons for allowance:

With regard to independent **Claim 1**, the closest prior-art of record fails to teach or reasonably disclose the combination of the limitations to the claim that includes, "A portable video system comprising: a camera component for capturing video of an event, said camera component comprising a camera housed within a camera component housing configured to be mounted on a user's body, wherein the camera component housing includes a front side and a rear side, and wherein said rear side of the camera component housing has a recessed seat,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate.

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from said front of the slotted plate, and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from a front of the slotted plate to present a longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket,

wherein the camera component housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the camera component housing to secure the camera to said button-mount assembly."

With regard to dependent **Claims 2-3, 6, 9-10 and 25**, these claims are also allowed due to their dependence on allowed independent claim 1.

With regard to independent **Claim 18**, the closest prior-art of record fails to teach or reasonably disclose the combination of the limitations to the claim that includes, *“A portable video system comprising: a camera for capturing video of an event, said camera housed within a first housing configured to be mounted on a user’s body, wherein said first housing includes a recessed seat on a side of the first housing;*

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a longitudinal axis of said slotted plate,

wherein the slot is open at a lower end of the slotted plate and closed at an upper end of the slotted plate, such that the slot is placed behind the user’s button and guided downwards over yarn or other material that secures the button to the user’s clothing article so that the button extends from said front of the slotted plate and the yarn or other material securing the button to the user’s clothing article is held within the slot of the slotted plate,

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wherein the first housing is configured to be coupled with the mounting bracket of the button-mount assembly,

wherein said mounting bracket includes a ledge configured to interfit in said recessed seat of the first housing to secure the camera to said button-mount assembly.”

With regard to dependent **Claims 24 and 26-30**, these claims are also allowed due to their dependence on allowed independent claim 18.

The following are the closest prior-art of record:

Dischinger (US Pub No.: 20090141129A1) discloses a surveillance and communication system is provided and includes two-way audio communication capabilities and a covert video acquisition system. In one embodiment, a system for acquiring video data within an environment is provided. The system includes a device having an image acquisition component, an audio acquisition component, and a speaker provided within an enclosure that is configured to be mounted to a portion of a user.

Webster (US Patent No.: 8175314B1) discloses a tactical microphone support system to attach a tactical microphone to a law enforcement uniform and keep it supported in place, particularly when a law enforcement officer is being physically active, such as, for example, while pursuing a suspect. Preferably, the tactical microphone support attaches to at least one button on a law enforcement shirt. The tactical microphone support provides for center, right or left handed attachment.

However, none of the above references either alone or in combination with the other prior-art of record sufficiently disclose the underlined limitations to the above mentioned claims.

Conclusion

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."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRITHAM PRABHAKHER whose telephone number is (571)270-1128. The examiner can normally be reached on M-F (7:30-5:00) Alt Friday's Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roberto Velez can be reached on (571)272-8597. 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.

Pritham David Prabhakher
Patent Examiner
Pritham.Prabhakher@uspto.gov
/PRITHAM PRABHAKHER/
Examiner, Art Unit 2662

Application/Control Number: 14/040,329
Art Unit: 2662

Page 16

Examiner-Initiated Interview Summary	Application No.		Applicant(s)	
	14/040,329		PHILLIPS ET AL.	
	Examiner		Art Unit	
	PRITHAM PRABHAKHER		2662	

All participants (applicant, applicant's representative, PTO personnel):

(1) PRITHAM PRABHAKHER. (3) ____.

(2) Jennifer Bailey (Reg. No.: 52583). (4) ____.

Date of Interview: 03 September 2014.

Type: ☒ Telephonic ☐ Video Conference
 ☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
 If Yes, brief description: ____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
 (For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1 and 18.

Identification of prior art discussed: Dischinger (US Pub No.: 2009/0141129A1) in view of Kashiwa (US Pub No.: 2008/0030580A1) and Webster (US Patent No. 8175314B1).

Substance of Interview
 (For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

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☐ Attachment

/PRITHAM PRABHAKHER/ Examiner, Art Unit 2662	

Notice of References Cited	Application/Control No. 14/040,329		Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER		Art Unit 2662	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2009/0141129 A1	06-2009	Dischinger, Craig A.	348/158
*	B	US-2008/0030580 A1	02-2008	Kashiwa et al.	348/158
*	C	US-5,752,632	05-1998	Sanderson et al.	224/182
*	D	US-6,396,403 B1	05-2002	Haner, Lenora A.	340/573.4
*	E	US-2003/0215010 A1	11-2003	Kashiwa, Kotaro	375/240.02
*	F	US-2005/0035161 A1	02-2005	Shioda, Yoshihiko	224/194
*	G	US-7,456,875 B2	11-2008	Kashiwa, Kotaro	348/239
*	H	US-8,077,029 B1	12-2011	Daniel et al.	340/539.11
*	I	US-8,175,314 B1	05-2012	Webster, Brian E.	381/364
*	J	US-5,850,613	12-1998	Bullecks, David C.	455/569.1
*	K	US-2009/0213204 A1	08-2009	WONG, CHARLENE	348/14.02
*	L	US-2011/0094003 A1	04-2011	Spiewak et al.	2/69
	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.

Issue Classification 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER	Art Unit 2662	

CPC						
Symbol					Type	Version
H04N		5		2252	F	2013-01-01

CPC Combination Sets							
Symbol				Type	Set	Ranking	Version

/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Assistant Examiner)		Total Claims Allowed: 14	
/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Primary Examiner)		09/04/2014 (Date)	O.G. Print Claim(s) 1
			O.G. Print Figure 5

Issue Classification 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION														
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED									
348		376				H	0	4	N	5 / 225 (2006.01.01)										
CROSS REFERENCE(S)						B	6	5	D	85 / 38 (2006.01.01)										
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
348	373	375																		
206	316.1	316.2																		

/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Assistant Examiner)		Total Claims Allowed: 14	
/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Primary Examiner)		09/04/2014 (Date)	O.G. Print Claim(s) 1
			O.G. Print Figure 5

Issue Classification 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1		17												
2	2	8	18												
3	3		19												
	4		20												
	5		21												
4	6		22												
	7		23												
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	14	14	30												
	15														
	16														

/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Assistant Examiner)	(Date)	Total Claims Allowed: 14	
/PRITHAM PRABHAKHER/ Examiner.Art Unit 2662 (Primary Examiner)	09/04/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 5

Search Notes 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	77,82,114-115,143,149,151,158,211.99-211.4,211.14,373-376	9/4/2014	PP
340	194,230	9/4/2014	PP
206	316.1-316.3	9/4/2014	PP
224	197,587,194,230	9/4/2014	PP
2	69-157	9/4/2014	PP

SEARCH NOTES		
Search Notes	Date	Examiner
On East [US-PGPUB, USPA, USOCR, EPO, JPO, DERWENT, IBM_TDB] SEE SEARCH TERMS ATTACHED	9/4/2014	PP
Inventor Name Search	9/4/2014	PP
Examiners: Timothy Henn, James Hannett, Usman Khan, John Villecco	9/4/2014	PP

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
348	77,82,114-115,143-149,151,158,211.99-211.4,211.14,373-376	9/4/2014	PP
224	197,587,194,230	9/4/2014	PP

/PRITHAM PRABHAKHER/
Examiner.Art Unit 2662



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BIB DATA SHEET

CONFIRMATION NO. 4686

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
14/040,329	09/27/2013	348	2662	2539-10.01

APPLICANTS
 Digital Ally, Inc., Lenexa, KS, Assignee (with 37 CFR 1.172 Interest);

INVENTORS
 Steve Phillips, Olathe, KS;
 Jason R. Troxel, Lee's Summit, MO;

**** CONTINUING DATA *******
 This appln claims benefit of 61/707,348 09/28/2012

**** FOREIGN APPLICATIONS *******

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ****
 10/16/2013

Foreign Priority claimed 35 USC 119(a-d) conditions met Verified and Acknowledged	☐ Yes ☒ No ☐ Yes ☒ No /PRITHAM DAVID PRABHAKHER/ Examiner's Signature	☐ Met after Allowance PDP Initials	STATE OR COUNTRY KS	SHEETS DRAWINGS 18	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3

ADDRESS
 Erise IP, P.A.
 6201 College Blvd., Ste 300
 Overland Park, KS 66211
 UNITED STATES

TITLE
 PORTABLE VIDEO AND IMAGING SYSTEM

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		☐ 1.18 Fees (Issue)
		☐ Other _____
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Receipt date: 03/13/2014

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

14040329 - GALL: 2662

Approved for use through 07/31/2012. OMB 0651-0031

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329
	Filing Date		2013-09-27
	First Named Inventor	PHILLIPS, Steve et al.	
	Art Unit	2662	
	Examiner Name	PRABHAKHER, Pritham David	
	Attorney Docket Number	2539-10.01	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5886739		1999-03-23	WINNINGSTAD	
	2	6396403	B1	2002-05-28	HANER	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20030106917	A1	2003-06-12	SHELTER et al.	
	2	20120063736	A1	2012-03-15	SIMMONS et al.	

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	1	102010019451	DE	A1	2011-11-10	KALKA et al.	English Abstract Included	☐

/Pritham Prabhakher/ (09/03/2014)

Receipt date: 03/13/2014 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329	14040329 - GAU: 2662
	Filing Date		2013-09-27	
	First Named Inventor	PHILLIPS, Steve et al.		
	Art Unit	2662		
	Examiner Name	PRABHAKHER, Pritham David		
	Attorney Docket Number	2539-10.01		

	2	2383915	RU	C2	2010-03-10	MICROSOFT CORP	English Abstract Included	☐
	3	2485804	GB	A	2012-05-30	BISCHOFF		☐
	4	2000137263	JP	A	2000-05-16	FUJI PHOTO FILM CO LTD	English Abstract Included	☐

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	1	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration dated January 30, 2014; International Application No. PCT/US2013/062415; International Filing Date: September 27, 2013; Applicant: Digital Ally, Inc.	☐

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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/09/06 15:28
S1	0	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2013/12/26 09:37
S2	0	"14040329"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2013/12/26 09:37
S3	0	04/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/02/19 11:00
S4	0	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/02/19 11:00
S5	0	"14040329"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/02/19 11:00
S6	45	(Phillips-Steve.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2014/02/19 11:03
S7	0	(Phillips-Steve.in.) and camera.cdm.	US-PGPUB;	OR	ON	2014/02/19

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:03
S8	0	(Troxel-Jason-R.in.) and camera.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 11:03
S9	1229	(348/373-376.ccls.) and (button same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 11:58
S10	1198	(348/373-376.ccls.) and (@ad<="20120928") and (button same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 11:59
S11	2	(348/373-376.ccls.) and (@ad<="20120928") and (button same camera same cloth\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:03
S12	145	(@ad<="20120928") and (button same camera same cloth\$3 same (attach\$3 or attachment\$1 or mount\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:04
S13	8	("224".clas.) and (@ad<="20120928") and (button same camera same pocket\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:11
S14	319	(@ad<="20120928") and (button same camera same pocket\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:12
S15	42	(@ad<="20120928") and (button same camera same pocket\$1 same clip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/02/19 12:12

			IBM_TDB			
S16	5	(348/373-376.ccls.) and (@ad<="20120928") and (cloth\$3 with clip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:14
S17	115	("348".clas.) and (@ad<="20120928") and (cloth\$3 with clip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:15
S18	315	("348".clas.) and (@ad<="20120928") and ((mount\$3 or attach\$3) with (user\$1 or person\$1) near3 (cloth\$3 or button or pocket\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:24
S19	6	("348".clas.) and (@ad<="20120928") and ((mount\$3 or attach\$3) with (user\$1 or person\$1) near3 (cloth\$3) with (button or pocket\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:25
S20	3	(@ad<="20120928") and ((mount\$3 or attach\$3) with (user\$1 or person\$1) near3 (cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:27
S21	5	(@ad<="20120928") and ((mount\$3 or attach\$3) same (user\$1 or person\$1) near3 (cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:28
S22	30	("6396403").URPN.	USPAT	OR	OFF	2014/02/19 12:30
S23	2	("340".clas.) and (@ad<="20120928") and ((user\$1 or person\$1) near3 (cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:31
S24	23	("340".clas.) and (@ad<="20120928") and ((cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:32
S25	0	(340/194,230.ccls.) and	US-PGPUB;	OR	ON	2014/02/19

		(@ad<="20120928") and (button\$1)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:34
S26	0	(340/194,230.ccls.) and (@ad<="20120928")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:35
S27	19	(224/194,230.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:35
S28	135	"348".clas. and (@ad<="20120928") and (pocket\$1 same button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:38
S29	481	("224".clas.) and (@ad<="20120928") and (pocket\$1 same button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:44
S30	251	("224".clas.) and (@ad<="20120928") and (pocket\$1 with button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:44
S31	7	("224".clas.) and (@ad<="20120928") and (pocket\$1 with button\$1 with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:48
S32	0	("224".clas.) and (@ad<="20120928") and (pocket\$1 with button\$1 with slot with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:49
S33	6	(@ad<="20120928") and (pocket\$1 with button\$1 with slot with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/02/19 12:49

			IBM_TDB			
S34	0	((@ad<="20120928") and (pocket\$1 same button\$1 same slot same shirt same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:51
S35	2	((@ad<="20120928") and (pocket\$1 same button\$1 same slot same (clothing\$1 or shirt\$1) same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:51
S36	44	((@ad<="20120928") and (pocket\$1 same button\$1 same slot same (clothing\$1 or shirt\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:52
S37	22	("224".clas.) and (@ad<="20120928") and (button\$1 with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:54
S38	2	10/386892	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/19 13:36
S39	26	(US-20110248060-\$ or US-20050231356-\$ or US-20050200750-\$ or US-20120019641-\$ or US-20090213204-\$ or US-20090027499-\$ or US-20100001170-\$ or US-20090193693-\$ or US-20130043144-\$ or US-20040155079-\$ or US-20100171021-\$ or US-20050035161-\$ or US-20050023316-\$ or US-20030215010-\$).did. or (US-8079501-\$ or US-8077029-\$ or US-6563532-\$ or US-8264558-\$ or US-6934461-\$ or US-7978263-\$ or US-7456875-\$ or US-6396403-\$ or US-D473152-\$ or US-5067642-\$ or US-8073131-\$ or US-8408513-\$).did.	US-PGPUB; USPAT	OR	OFF	2014/02/19 14:03
S40	12	S39 and (button same (shirt or pocket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/19 14:04
S41	0	("2005/0023316").URPN.	USPAT	OR	OFF	2014/02/19 14:06
S42	9920	((attach\$3 or secur\$3 or slid\$3) with	US-PGPUB;	OR	ON	2014/02/19

		button with slot)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:11
S43	102	("224".clas.) and ((attach\$3 or secur\$3 or slid\$3) with button with slot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 14:11
S44	0	("2009/0108037").URPN.	USPAT	OR	OFF	2014/02/19 14:33
S45	1499	("224".clas.) and ((attach\$3 or secur\$3 or slid\$3 or mount\$3) with button)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 14:39
S46	143	("224".clas.) and ((attach\$3 or secur\$3 or slid\$3 or mount\$3) with button same (shirt or cloth\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 14:40
S47	514	((attach\$3 or secur\$3 or slid\$3 or mount\$3) with button same (shirt or cloth\$3)) and (camera or pda)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:04
S48	9	S39 and (gps)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/19 15:10
S49	9	("2003/0215010").URPN.	USPAT	OR	OFF	2014/02/19 15:13
S50	723	(button near2 clip) and (camera or pda)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:19
S51	102	("348".clas.) and (@ad<="20120928") and (button near2 clip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:19
S52	9	("348".clas.) and (@ad<="20120928")	US-PGPUB;	OR	ON	2014/02/19

		and (button adj clip)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:19
S53	40	("348".clas.) and (@ad<="20120928") and (button near1 clip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:20
S54	4	("20080030580" "5726660" "5886739" "7483485").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/19 15:38
S63	1	12/176977	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/20 09:36
S64	36	("1932581" "20020030071" "20040069823" "20080078792" "20080164291" "20080237282" "20080305840" "20100018015" "20100270345" "2085184" "2505551" "2616985" "3586798" "3604069" "3808642" "4040547" "4100653" "4700397" "5163093" "5268965" "5752632" "5771303" "5806146" "5831198" "5850613" "6149043" "6201877" "6283348" "6333984" "6757401" "7013492" "7784157").PN. OR ("8175314").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/20 09:37
S65	12	"5752632"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/20 09:38
S66	8	("5752632").URPN.	USPAT	OR	OFF	2014/02/20 09:39
S67	9	("2003/0215010").URPN.	USPAT	OR	OFF	2014/02/20 10:03
S68	15	("20030174773" "5014079" "5689442" "5808663" "6104705" "6201562" "6360003" "6681120" "6934461" "7133537").PN. OR ("7456875").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/20 10:20
S69	21	("20030081935" "20040015467" "20040091111" "3542457" "4051534" "4398799" "4425586" "4516157" "4797736" "5091719" "5189512" "5886739" "6563532" "6988144").PN. OR ("7483485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/20 10:44
S70	794	(348/143-158.ccls.) and (@ad<="20120928") and (trigger\$3 with event\$1)	US-PGPUB; USPAT; USOCR;	OR	ON	2014/02/20 11:21

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S71	246	(348/143-158.ccls.) and (@ad<="20120928") and ((trigger\$3 with event\$1) same (automat\$3 or auto or automatic\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/20 11:21
S72	25	(348/158.ccls.) and (@ad<="20120928") and (trigger\$3 with event\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/20 11:25
S73	77	(348/158.ccls.) and (@ad<="20120928") and (police or officer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/20 11:26
S75	2	11/948020	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/24 10:48
S76	44	(US-20110248060-\$ or US-20050231356-\$ or US-20050200750-\$ or US-20120019641-\$ or US-20090213204-\$ or US-20090027499-\$ or US-20100001170-\$ or US-20090193693-\$ or US-20130043144-\$ or US-20040155079-\$ or US-20100171021-\$ or US-20050023316-\$ or US-20030215010-\$ or US-20090108037-\$ or US-20130320055-\$ or US-20130175309-\$ or US-20080030580-\$ or US-20080078792-\$ or US-20090141129-\$).did. or (US-8079501-\$ or US-8077029-\$ or US-6563532-\$ or US-8264558-\$ or US-6934461-\$ or US-7978263-\$ or US-7456875-\$ or US-6396403-\$ or US-D473152-\$ or US-5067642-\$ or US-8073131-\$ or US-8408513-\$ or US-8579172-\$ or US-5857601-\$ or US-8652038-\$ or US-6667771-\$ or US-5726660-\$ or US-5886739-\$ or US-7483485-\$ or US-8175314-\$ or US-1932581-\$ or US-2085184-\$ or US-2505551-\$ or US-5752632-\$ or US-8489065-\$).did.	US-PGPUB; USPAT	OR	OFF	2014/02/24 15:28
S77	1	S76 and ((auto or automat\$3 or automatically) with (captur\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/02/24 15:29

			IBM_TDB			
S79	1	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/08/25 09:44
S80	1	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/08/28 12:12
S81	1	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/09/02 08:23
S82	1	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/09/03 08:33
S83	0	("2014/0092299").URPN.	USPAT	OR	OFF	2014/09/03 08:49
S84	47	(Phillips-Steve.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/09/03 08:50
S85	5	(Phillips-Steve.in.) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/09/03 08:50
S86	0	("2014/0092299").URPN.	USPAT	OR	OFF	2014/09/03 11:01
S87	3	(Troxel-Jason-R.in.) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:02
S88	1	(Troxel-Jason.in.) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/09/03 11:03

			IBM_TDB			
S89	80	"5886739"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:03
S90	76	("3542457" "4051534" "4398799" "4516157" "4797736" "5091719" "5189512").PN. OR ("5886739").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/09/03 11:03
S91	55	"6396403"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:18
S92	36	("6396403").URPN.	USPAT	OR	OFF	2014/09/03 11:20
S93	2	"20030106917"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:21
S94	15	("2003/0106917").URPN.	USPAT	OR	OFF	2014/09/03 11:24
S95	5	"20120063736"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:29
S96	9	"7714704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:30
S97	80	"5886739"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:32
S98	2	"20030106917"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 11:33
S99	21	"8503972"	US-PGPUB; USPAT; USOCR;	OR	ON	2014/09/03 11:40

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S100	56	"8520069"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:13
S101	4	"20070064108"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:36
S102	0	(Jochen-Kalka.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:50
S103	0	(Kalka-Jochen.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:51
S104	0	(PicoH-Ralf.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:51
S105	0	(Ralf-PicoH.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:51
S106	97	((224/197,587,194.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 12:53
S107	567	("340".clas.) and (@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:09
S108	278	("340".clas.) and (@ad<="20120928")	US-PGPUB;	OR	ON	2014/09/03

		and ((button\$1) with (shirt\$1 or cloth\$4 or pant\$1))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:09
S109	82	("340".clas.) and (@ad<="20120928") and ((button\$1) with (shirt\$1 or cloth\$4 or pant\$1)) and (camera\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:09
S110	19	(348/77,82,114-115,143,149,151,158,211.99-211.4,211.14,373-376.ccls.) and (@ad<="20120928") and ((button\$1) with (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:15
S111	44	(348/77,82,114-115,143,149,151,158,211.99-211.4,211.14,373-376.ccls.) and (@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:16
S112	0	("2014/0092299").URPN.	USPAT	OR	OFF	2014/09/03 13:18
S113	3	(Troxel-Jason-R.in.) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S114	1	(Troxel-Jason.in.) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S115	80	"5886739"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S116	76	("3542457" "4051534" "4398799" "4516157" "4797736" "5091719" "5189512").PN. OR ("5886739").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/09/03 13:18
S117	55	"6396403"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18

EAST Search History

S118	36	("6396403").URPN.	USPAT	OR	OFF	2014/09/03 13:18
S119	2	"20030106917"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S120	15	("2003/0106917").URPN.	USPAT	OR	OFF	2014/09/03 13:18
S121	5	"20120063736"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S122	9	"7714704"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S123	80	"5886739"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S124	2	"20030106917"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S125	21	"8503972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S126	56	"8520069"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S127	4	"20070064108"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18

S128	0	(Jochen-Kalka.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S129	0	(Kalka-Jochen.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S130	0	(Picoch-Ralf.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S131	0	(Ralf-Picoch.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S132	97	(224/197,587,194.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S133	567	("340".clas.) and (@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S134	278	("340".clas.) and (@ad<="20120928") and ((button\$1) with (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S135	82	("340".clas.) and (@ad<="20120928") and ((button\$1) with (shirt\$1 or cloth\$4 or pant\$1)) and (camera\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S136	19	(348/77,82,114- 115,143,149,151,158,211.99- 211.4,211.14,373-376.ccls.) and (@ad<="20120928") and ((button\$1) with (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/09/03 13:18

			DERWENT; IBM_TDB			
S137	44	(348/77,82,114-115,143,149,151,158,211.99-211.4,211.14,373-376.ccls.) and (@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:18
S138	12	(224/230.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:21
S139	71	(206/316.1-316.3.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 13:32
S140	242	("206".clas.) and (@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 14:05
S141	16	("206".clas.) and (@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1) same (slit or slot\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 14:06
S142	1253	(@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1) same (slit or slot\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 14:07
S143	95	(@ad<="20120928") and ((button\$1) same (shirt\$1 or cloth\$4 or pant\$1) same (slit or slot\$4)) and (camera\$1 or microphone\$1 or (micro adj phone\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/03 14:07
S144	14	("0652891" "1010763" "2099029" "2767902" "4100653" "4408706" "4757927" "4790461" "5100037" "5450994").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/09/03 14:11
S145	9	(slot\$5 with open with lower with end with button\$1 with plate\$1.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/09/03 14:13

			IBM_TDB			
S152	36	("1932581" "20020030071" "20040069823" "20080078792" "20080164291" "20080237282" "20080305840" "20100018015" "20100270345" "2085184" "2505551" "2616985" "3586798" "3604069" "3808642" "4040547" "4100653" "4700397" "5163093" "5268965" "5752632" "5771303" "5806146" "5831198" "5850613" "6149043" "6201877" "6283348" "6333984" "6757401" "7013492" "7784157").PN. OR ("8175314").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/09/04 09:32
S153	43	(381/301,306,333,364,388.ccls.) and (@ad<="20120928") and ((button\$1 same (camera\$1 or imager or microphone\$1 or (micro adj phone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/04 10:21
S154	2234	((@ad<="20120928") and ((attach\$3 or attachment\$1 or mount\$3 or secur\$3 or cling\$3 or hang\$3 or hung) near2 button\$1 same (camera\$1 or microphone\$1 or (micro adj phone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/04 10:23
S155	588	((@ad<="20120928") and ((attach\$3 or attachment\$1 or mount\$3 or secur\$3 or cling\$3 or hang\$3 or hung or sliding or slidable or slot\$4) near2 button\$1 same (camera\$1 or microphone\$1 or (micro adj phone\$1))) and (cloth\$3 or shirt\$1 or pant\$1 or collar\$1 or shoe\$1 or helmet\$1 or cap\$1 or hat\$1 or sleeve\$1 or cuff\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/04 10:25
S156	130	((@ad<="20120928") and (((attach\$3 or attachment\$1 or mount\$3 or secur\$3 or cling\$3 or hang\$3 or hung or sliding or slidable or slot\$4) near2 button\$1 same (camera\$1 or microphone\$1 or (micro adj phone\$1))) same (cloth\$3 or shirt\$1 or pant\$1 or collar\$1 or shoe\$1 or helmet\$1 or cap\$1 or hat\$1 or sleeve\$1 or cuff\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/04 10:32
S157	11	(2/69-157.ccls.) and (@ad<="20120928") and ((attach\$3 or attachment\$1 or mount\$3 or secur\$3 or cling\$3 or hang\$3 or hung or sliding or slidable or slot\$4) with button\$1 same (camera\$1 or microphone\$1 or (micro adj phone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/04 10:36
S158	17	(2/69-157.ccls.) and (@ad<="20120928") and ((attach\$3 or attachment\$1 or mount\$3 or secur\$3 or cling\$3 or hang\$3 or hung or sliding or slidable or slot\$4) same button\$1 same (camera\$1 or microphone\$1 or (micro adj phone\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/09/04 10:37

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S56	54	(attach\$3 with (camera or device or pda) with shirt with button)	US-PGPUB; USPAT; UPAD	OR	OFF	2014/02/19 15:41
S57	32	("1932581" "20020030071" "20040069823" "20080078792" "20080164291" "20080237282" "20080305840" "20100018015" "20100270345" "2085184" "2505551" "2616985" "3586798" "3604069" "3808642" "4040547" "4100653" "4700397" "5163093" "5268965" "5752632" "5771303" "5806146" "5831198" "5850613" "6149043" "6201877" "6283348" "6333984" "6757401" "7013492" "7784157").PN. OR ("8175314").URPN.	US-PGPUB; USPAT	OR	OFF	2014/02/19 15:44
S58	30	((secur\$3 or mount\$3 or slid\$3) with (camera or device or pda) with shirt with button)	US-PGPUB; USPAT; UPAD	OR	OFF	2014/02/19 15:48
S59	0	("8175314").URPN.	USPAT	OR	OFF	2014/02/19 15:49
S60	179	((camera or device or pda) with shirt with button)	US-PGPUB; USPAT; UPAD	OR	OFF	2014/02/19 16:07
S61	274	((camera or device or pda) with shirt with button)	US-PGPUB; USPAT; UPAD	OR	ON	2014/02/19 16:07
S62	47	((secur\$3 or mount\$3 or slid\$3) with (camera or device or pda) with shirt with button)	US-PGPUB; USPAT; UPAD	OR	ON	2014/02/19 16:07
S74	1	("2005/0035161").URPN.	USPAT	OR	OFF	2014/02/20 09:25
S78	1	"Term Removed"	US-PGPUB	OR	OFF	2014/02/24 15:28
S146	2	(slot\$5 with open with lower with end with button\$1 with plate\$1 with material.clm.)	US-PGPUB; USPAT; UPAD	OR	ON	2014/09/03 14:13
S147	1	(slot\$5 with open with lower with end with button\$1 with plate\$1 with material with user\$2.clm.)	US-PGPUB; USPAT; UPAD	OR	ON	2014/09/03 14:14
S148	1	(348/77,82,114-115,143-149,151,158,211.99-211.4,211.14,373-376.ccls.) and (mount\$3 with bracket with button\$1 with longitudinal\$2.clm.)	US-PGPUB; USPAT; UPAD	OR	ON	2014/09/03 14:15
S149	0	(224/197,587,194,230.ccls.) and (mount\$3 with bracket with button\$1 with longitudinal\$2.clm)	US-PGPUB; USPAT; UPAD	OR	ON	2014/09/03 14:16
S150	0	("340".clas.) and (mount\$3 with bracket with button\$1 with longitudinal\$2.clm)	US-PGPUB;	OR	ON	2014/09/03 14:17

EAST Search History

			USPAT; UPAD			
S151	0	(mount\$3 with bracket with button\$1 with longitudinal\$2.clm)	US- PGPUB; USPAT; UPAD	OR	ON	2014/09/03 14:17

9/ 6/ 2014 3:35:55 PM

C:\ Users\ pprabhakher\ Documents\ EAST\ Workspaces\ 14040329.wsp

<i>Index of Claims</i> 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

✓	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	12/31/2013	02/25/2014	09/03/2014															
1	1	÷	✓	=															
2	2	÷	✓	=															
3	3	÷	✓	=															
	4	÷	✓	-															
	5	÷	✓	-															
4	6	÷	✓	=															
	7	÷	✓	-															
	8	÷	O	-															
5	9	÷	✓	=															
6	10	÷	✓	=															
	11	÷	N	-															
	12	÷	N	-															
	13	÷	N	-															
	14	÷	N	-															
	15	÷	N	-															
	16	÷	N	-															
	17	÷	N	-															
8	18	÷	✓	=															
	19	÷	✓	-															
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14	30			=															

Receipt date: 09/27/2013

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

14040329 - GALL: 2662

Approved for use through 07/31/2012. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	8503972	B2	2013-08-06	HALER et al.			
	2	8520069	B2	2013-08-27	HALER			
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Receipt date: 09/27/2013 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329 - GAU: 2662
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

Examiner Initials*	Cite No	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, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	TASER AXON Body On Officer Video/Police Body Camera, http://www.taser.com/products/on-officer-video/axon-body-on-officer-video , September 23, 2013, Date Posted: Unknown, pgs. 1-8.	☐
	2	GoPro Official Website: The World's Most Versatile Camera, http://gopro.com/products/?gclid=CKqHv9JT4rkCFWZk7AodyIAAaQ , September 23, 2013, Date Posted: Unknown, pgs. 4-9.	☐
	3	VIEVU Products, http://www.viewu.com/viewu-products/viewu-squared/ , September 25, 2013, Date Posted: Unknown, pgs. 1-2.	☐
	4	Digital Ally First Vu Mountable Digital Camera Video Recorder, http://www.opticsplanet.com/digital-ally-first-vu-mountable-digital-camera-video-recorder.html?gclid=CIKohcX05rkCFSIo7AodU0IA0g&ef_id=UjCGEAAAawGEjrQF:20130925155534:s , September 25, 2013, Date Posted: Unknown, pgs. 1-4.	☐
	5	TASER AXON Flex On-Officer Video/Police Video Camera, http://www.taser.com/products/on-officer-video/taser-axon , September 26, 2013, Date Posted: Unknown, pgs. 1-8.	☐
	6	Zeppcam Wearable Video Technology, http://www.zeppcam.com/product.aspx , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
	7	Witness Cam headset, http://www.secgru.com/DVR-Witness-Cam-Headset-Video-Recorder-SG-DVR-1-COP.html , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
	8	SUV Cam, http://www.elmo.co.jp/suv-cam/en/product/index.html , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
	9	Asian Wolf High Quality Angel Eye Body Video Spy Camera Recorder System, http://www.asianwolf.com/covert-bodycam-hq-angeleye.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
	10	Panasonic Handheld AVCCAM HD Recorder/Player, http://www.panasonic.com/business/provideo/ag-hmr10.asp , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐

/Pritham Prabhakher/ (09/03/2014)

Receipt date: 09/27/2013 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329 - GAU: 2662
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

11	POV.HD System Digital Video Camera, http://www.vio-pov.com/index.php , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
12	ecplaza HY-001HD law enforcement DVR, http://fireeye.en.ecplaza.net/law-enforcement-dvr-238185-1619696.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
13	edesix VideoBadge, http://www.edesix.com/edesix-products , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
14	Tide Leader police body worn camera, http://tideleader.en.gongchang.com/product/14899076 , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
15	Stalker VUE Law Enforcement Grade Body Worn Video Camera/Recorder, http://www.stalkerradar.com/law_vue.shtml , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
16	Vidmic Officer Worn Video & Radio Accessories, http://www.vidmic.com/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
17	WatchGuard CopVu Wearable Video Camera System, http://watchguardvideo.com/copvu/overview , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
18	Kustom Signals VieVu, http://www.kustomsignals.com/index.php/mvideo/vievu , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐
19	WolfCom 3rd Eye, X1 A/V Recorder for Police and Military, http://wolfcomusa.com/Products/Products.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
20	RevealMedia RS3-SX high definition video recorder, http://www.revealmedia.com/buy-t166/cameras/rs3-sx.aspx , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
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Receipt date: 09/27/2013 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329 - GAU: 2662
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

22	LEA-AID SCORPION Micro Recorder Patrol kit, http://www.leacorp.com/products/SCORPION-Micro-Recorder-Patrol-kit.html , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
23	Veho MUVI portable wireless speaker with dock, http://veho-uk.fastnet.co.uk/main/shop.aspx?category=camcorder , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
24	Veho MUVI HD, http://veho-uk.fastnet.co.uk/main/shop.aspx?category=CAMMUVIHD , September 26, 2013, Date Posted: Unknown, pgs. 1-5.	☐
25	SIV Security in Vehicle Driving Partner, http://www.siv.co.kr/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
26	Midland XTC HD Video Camera, http://midlandradio.com/Company/xtc100-signup , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
27	Drift X170, http://driftinnovation.com/support/firmware-update/x170/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
28	uCorder Pockito Wearabel Mini Pcket Camcorder, http://www.ucorder.com/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
29	isaw Advance Hull HD EXtreme, www.isawcam.co.kr , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
30	Scorpion Micro DV Video Audio Recorder, http://www.leacorp.com/scorpion-micro-dv-video-audio-recorder/ , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
31	Taser Cam Law Enforcement Audio/Video Recorder (gun mounted), http://www.taser.com/products/on-officer-video/taser-cam , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
32	Looxcie Wearable & mountable streaming video cams, http://www.looxcie.com/overview?gclid=CPbDyv6piq8CFWeFQAodlhXC-w , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐

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	Filing Date			
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	Art Unit			
	Examiner Name			
	Attorney Docket Number		44566	

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34	Dyna Spy Inc. hidden cameras, https://www.dynaspy.com/hidden-cameras/spy-cameras/body-worn-wearable-spy-cameras , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
35	Brick House Security Body Worn Cameras / Hidden Cameras / Covert Spy Cameras, http://www.brickhousesecurity.com/body-worn-covert-spy-cameras.html?sf=0#sortblock&CMPID=PD_Google_%22body+camera%22&utm_source=google&utm_medium=cpc&utm_term=%22body+camera%22&mm_campaign=876a94ea5dd198a8c5dc3d1e67ecb34&keyword=%22body+camera%22&utm_source=google&utm_medium=cpc&utm_campaign=Cameras+-+Body+Worn+Cameras&c1=323-29840300-1	☐
36	Amazon.com wearable camcorders, http://www.amazon.com/s/ref=nb_sb_ss_i_0_4?uri=search-alias%3Dphoto&field-keywords=wearable+camcorder&x=0&y=0&srefix=wear , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐

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Examiner Signature	/Pritham Prabhakher/ (09/03/2014)	Date Considered	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:
PHILLIPS, Steve et al.
Serial No.: 14/040,329
Filed: September 27, 2013
PORTABLE VIDEO AND IMAGING
SYSTEM

Docket No.: 2539-10.01
Confirmation No.: 4686
Group Art Unit No.: 2662
Customer No.: 118925
Examiner: PRABHAKHER, Pritham D.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF REPLACEMENT DRAWINGS

Enclosed herewith are 18 sheets of Patent Office drawings for filing in association with the above-identified application.

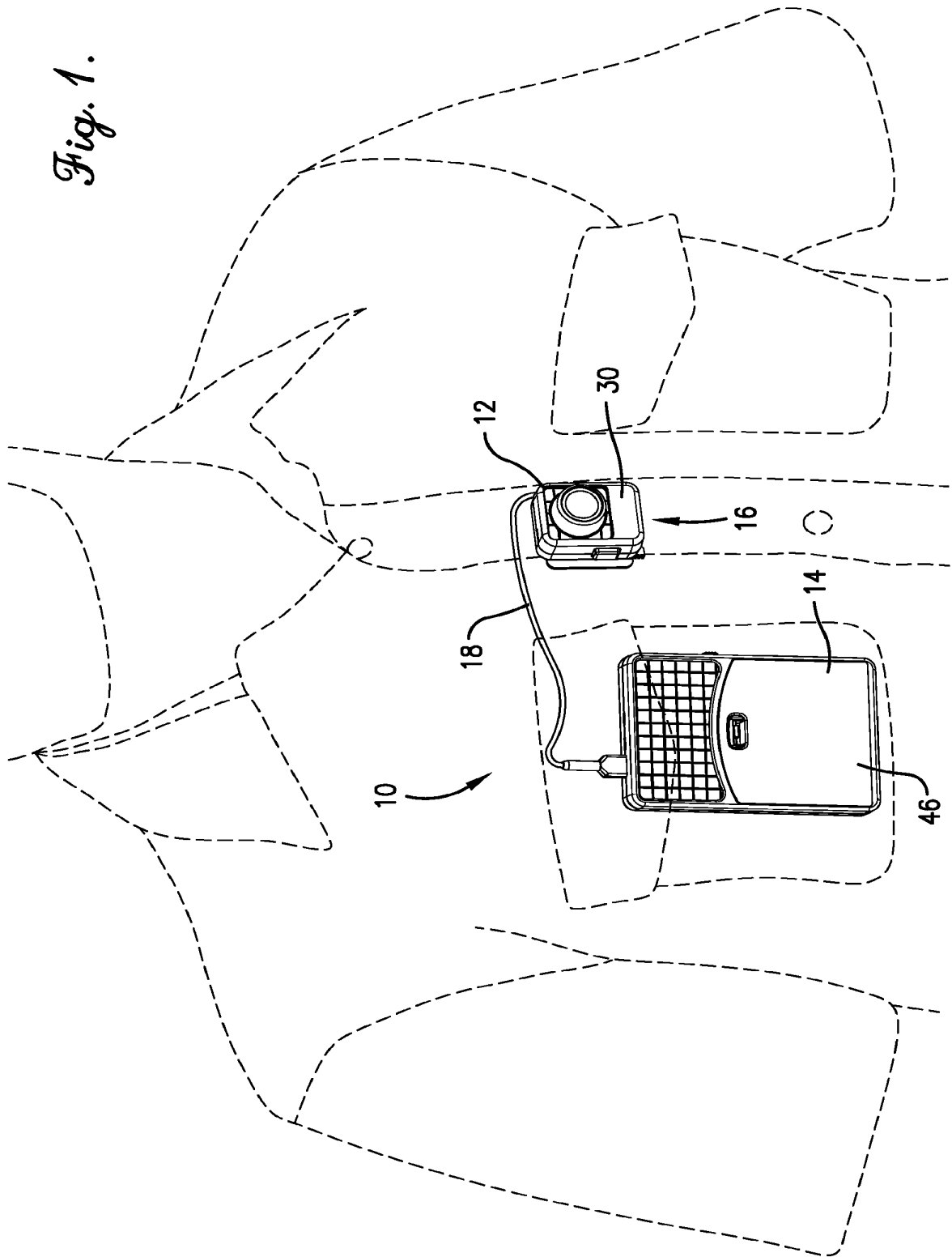
Applicant respectfully requests that the attached drawings replace the originally filed in the present application and be included in any patent issuing from the present application.

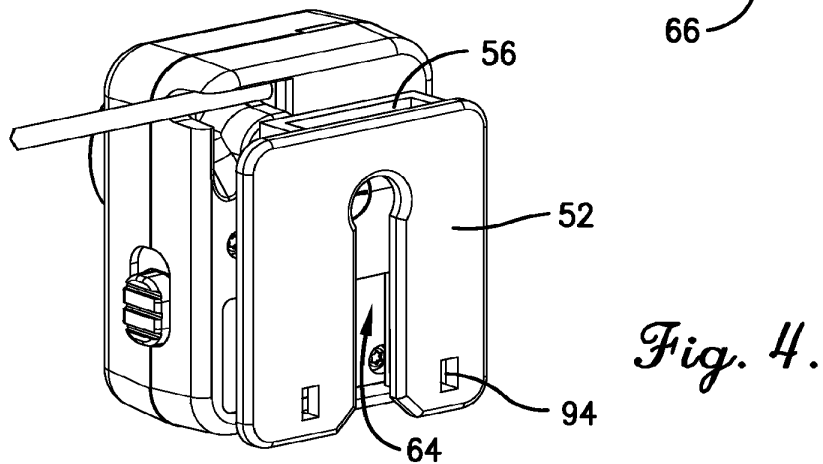
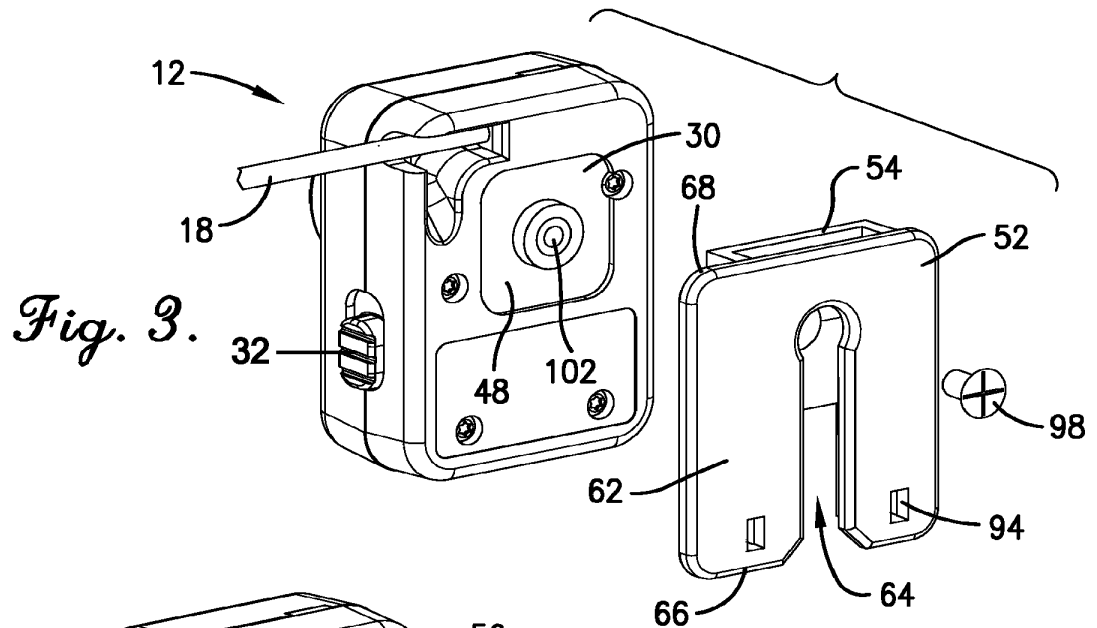
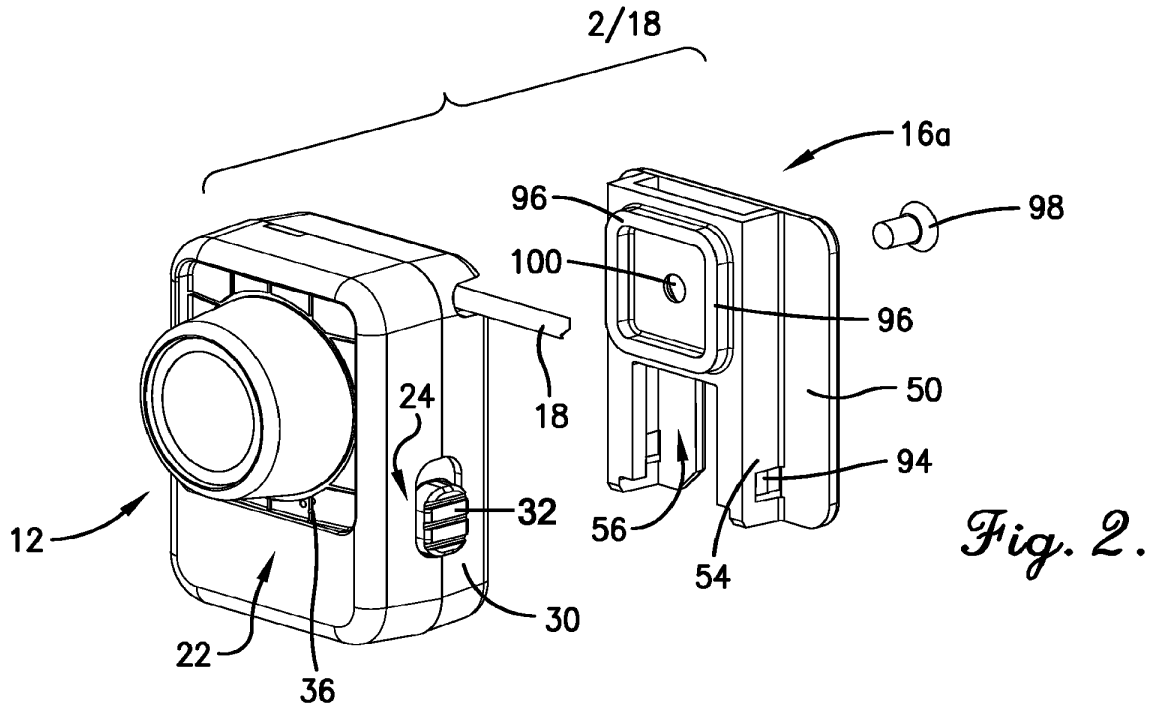
Any fee that might be due in connection with this Submission should be applied against our Deposit Account No. 50-6159.

Respectfully submitted,

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard
Suite 300
Overland Park, Kansas 66211
913-777-5600

ATTORNEYS FOR APPLICANT(S)





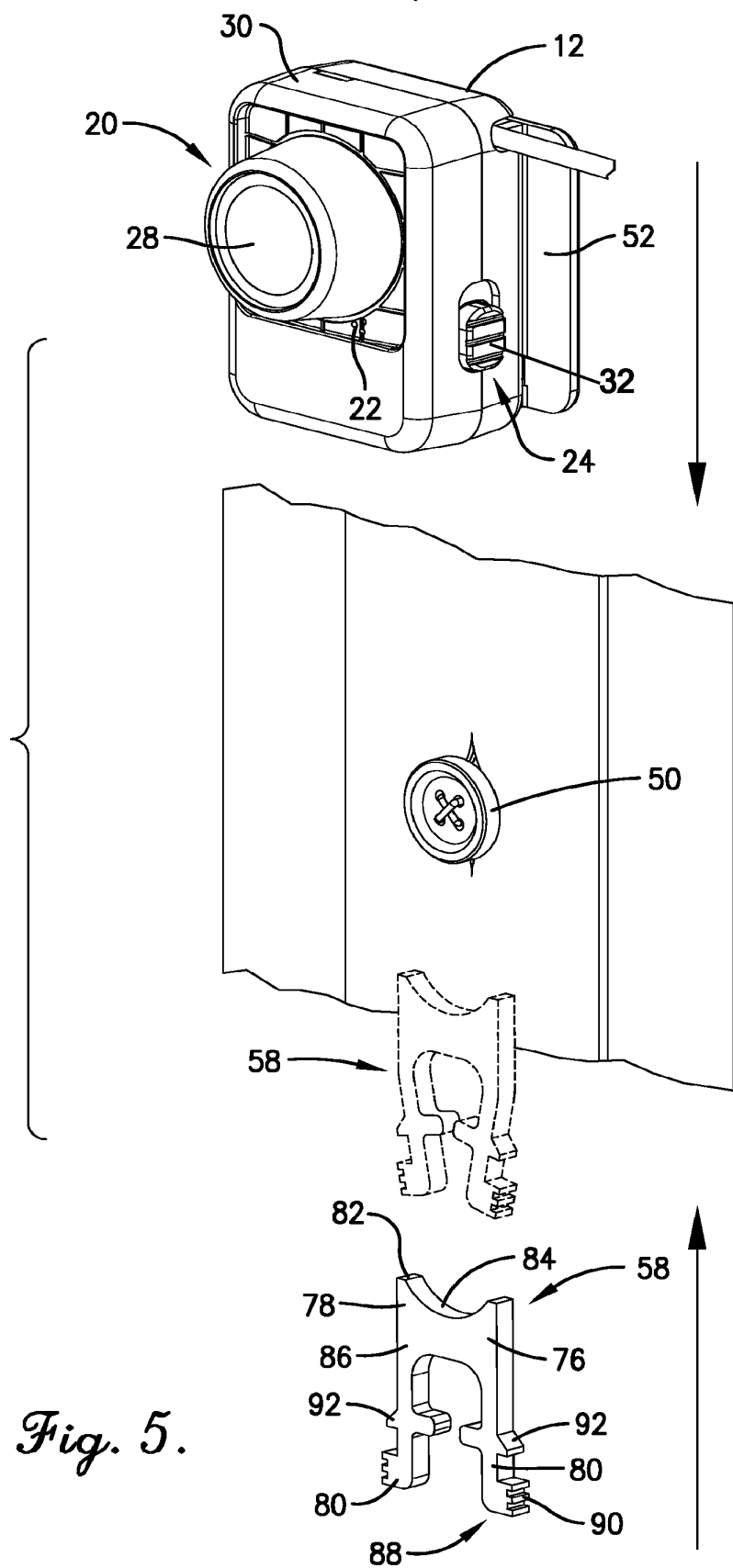


Fig. 5.

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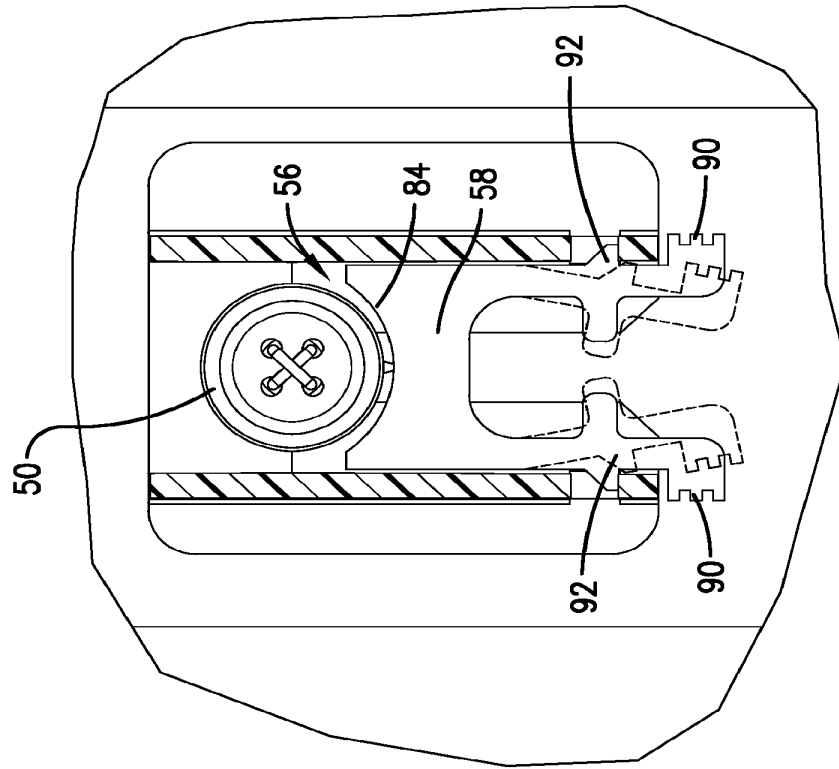


Fig. 7.

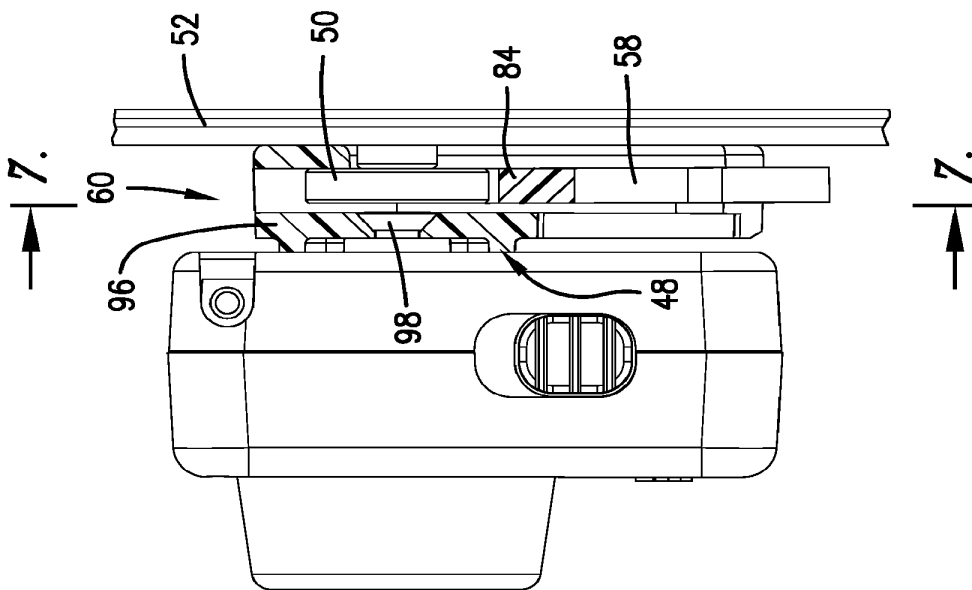
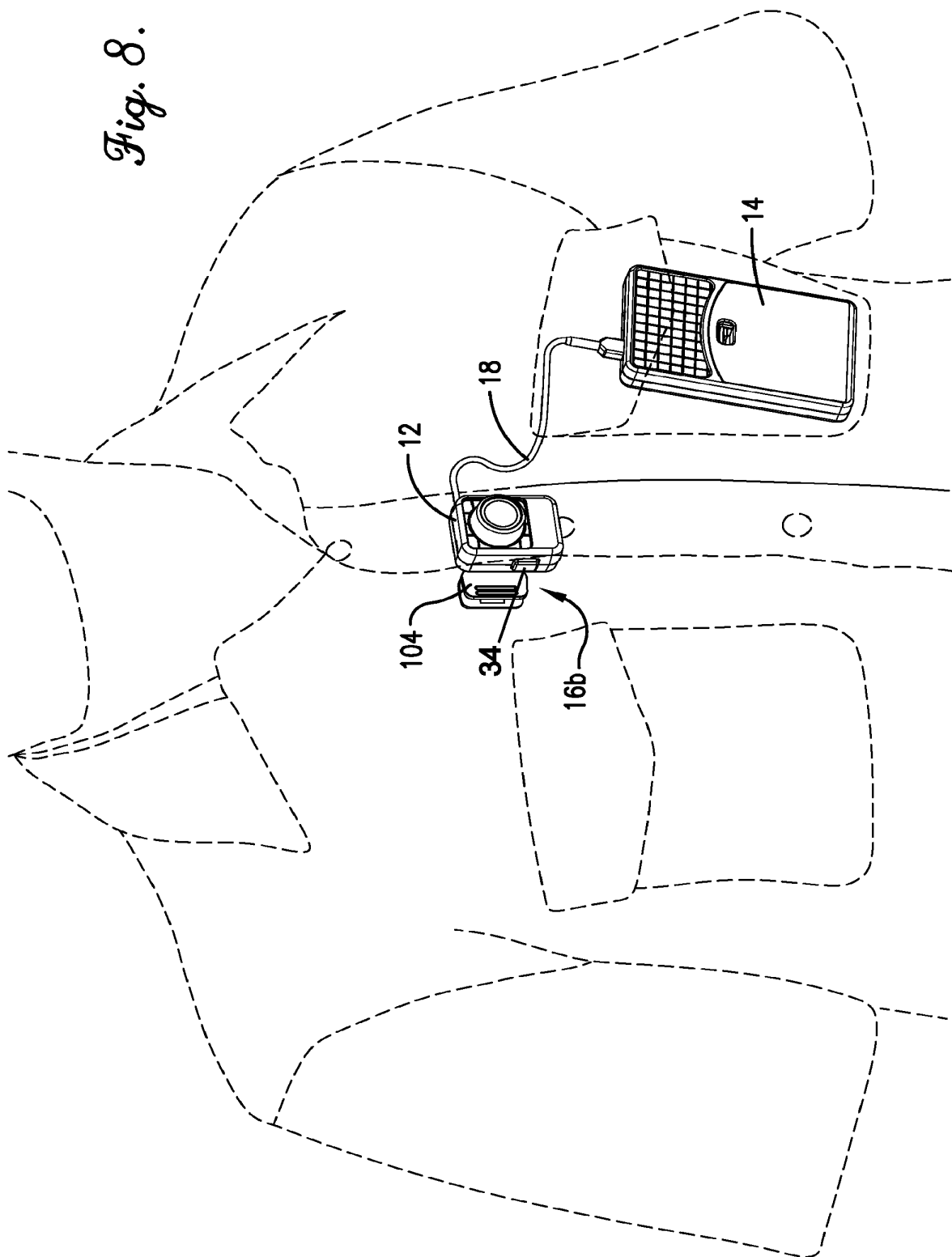


Fig. 6.

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Fig. 8.



6/18

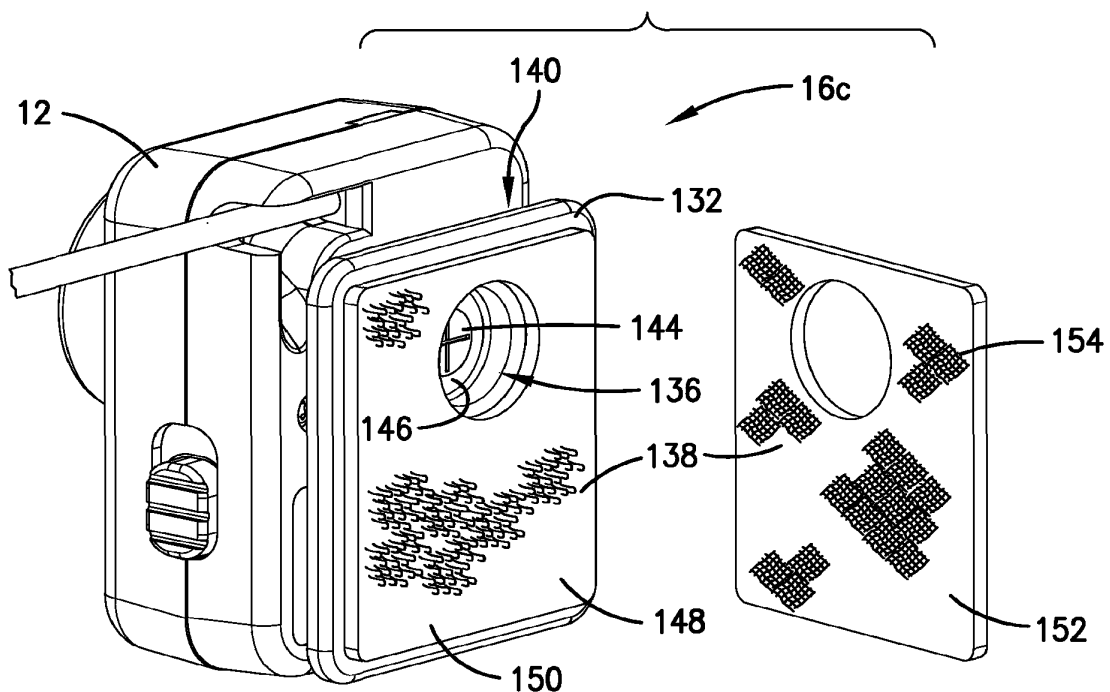
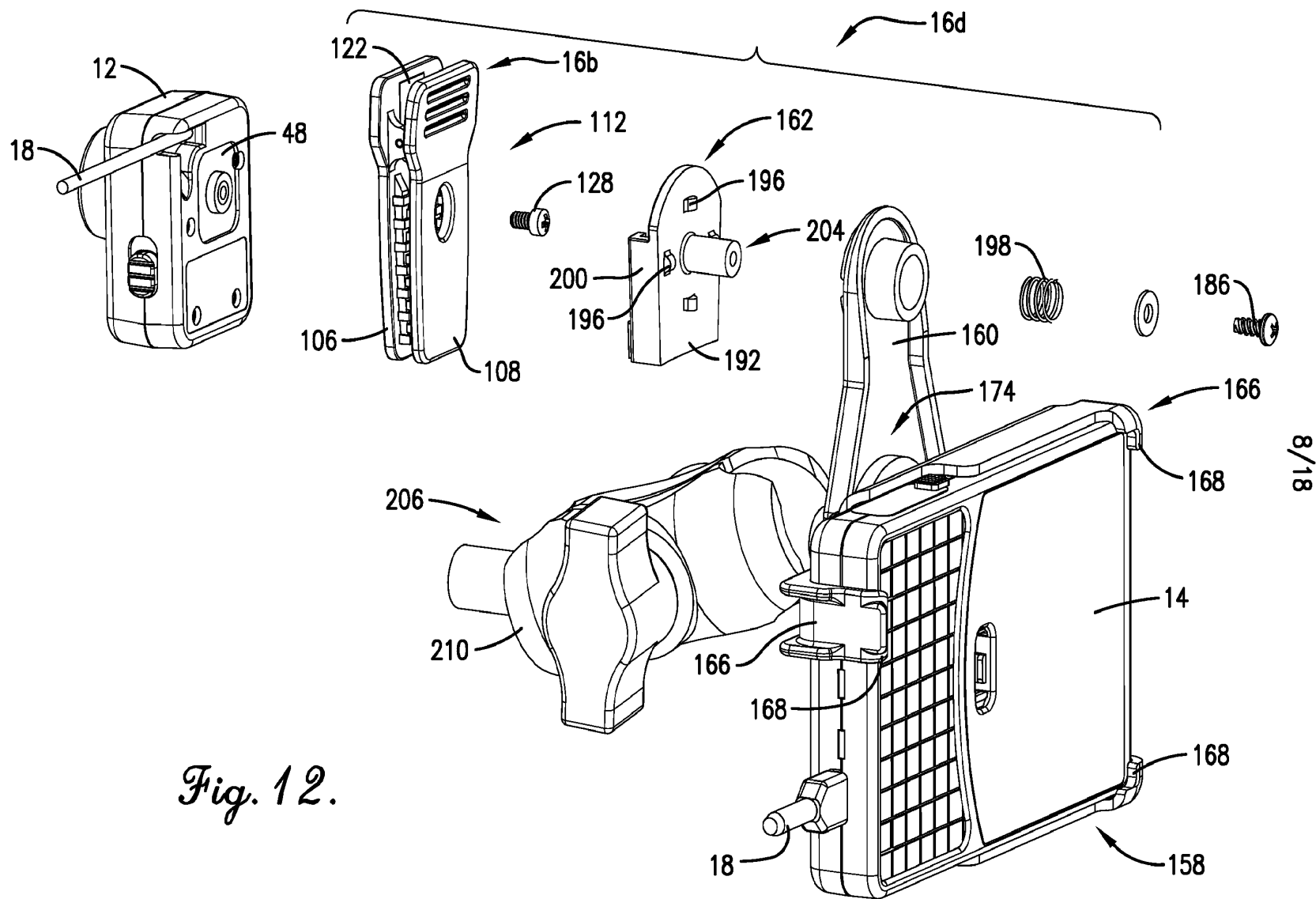


Fig. 10.



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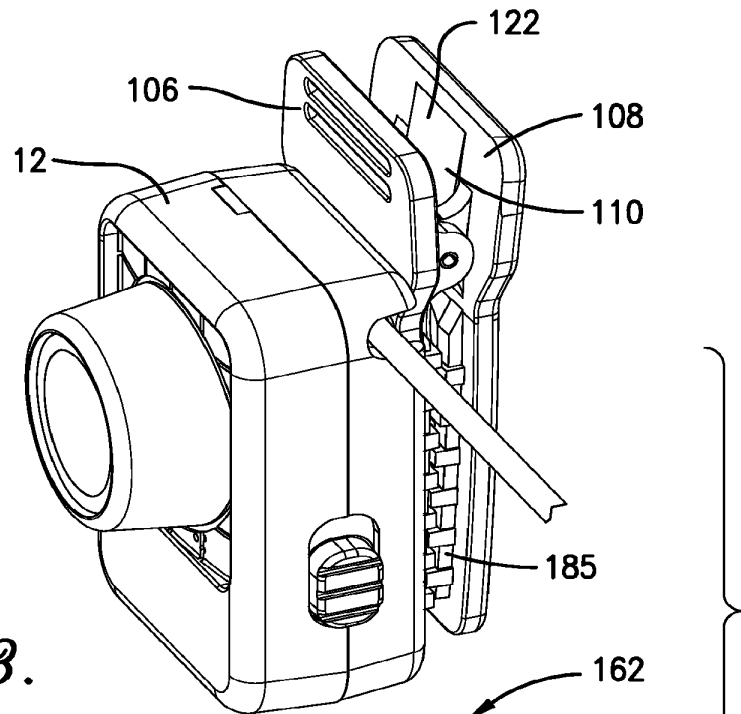


Fig. 13.

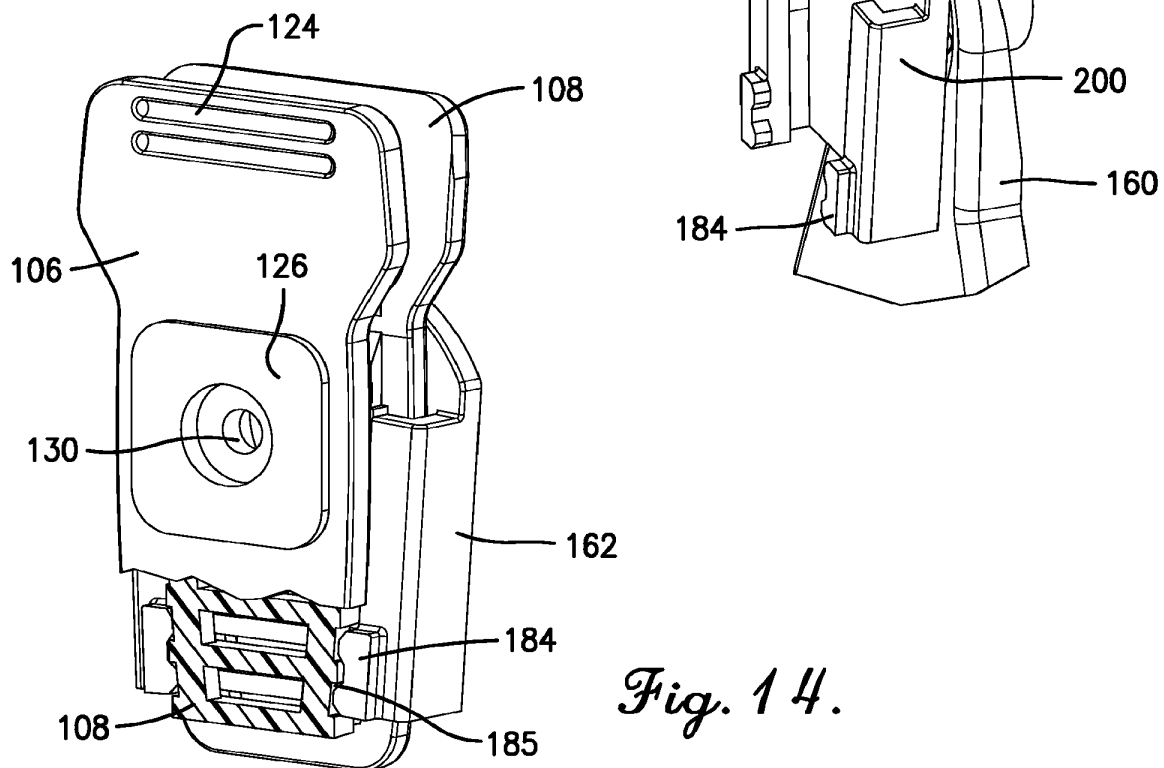


Fig. 14.

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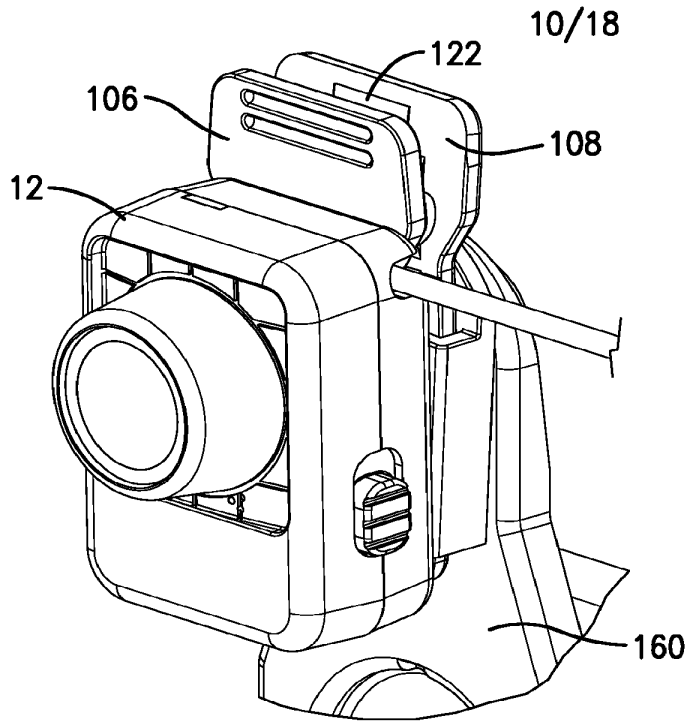


Fig. 15.

Fig. 16.

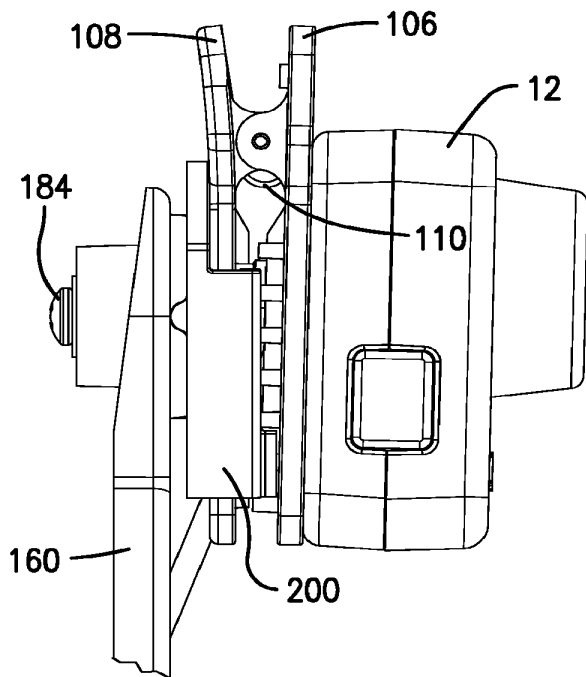
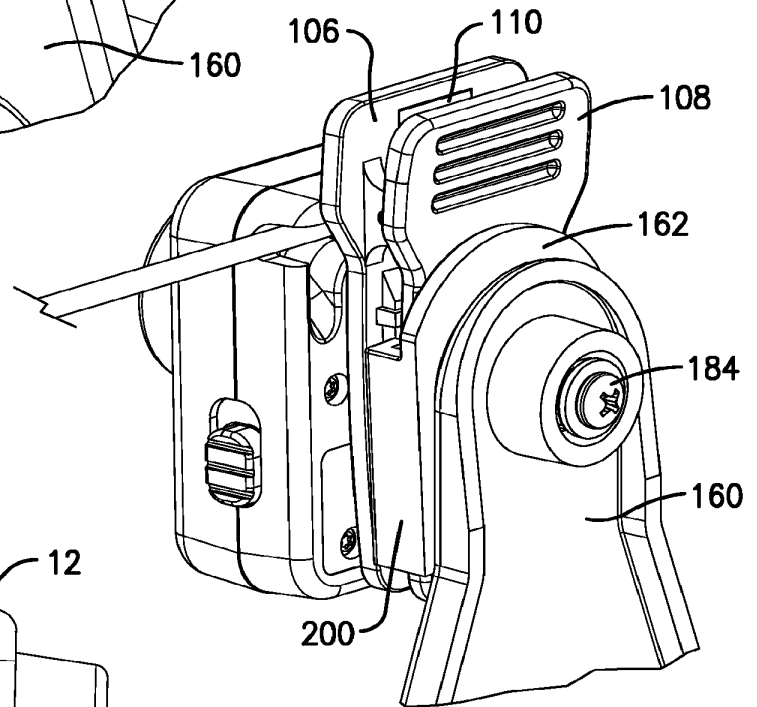


Fig. 17.



Fig. 18.

12/18

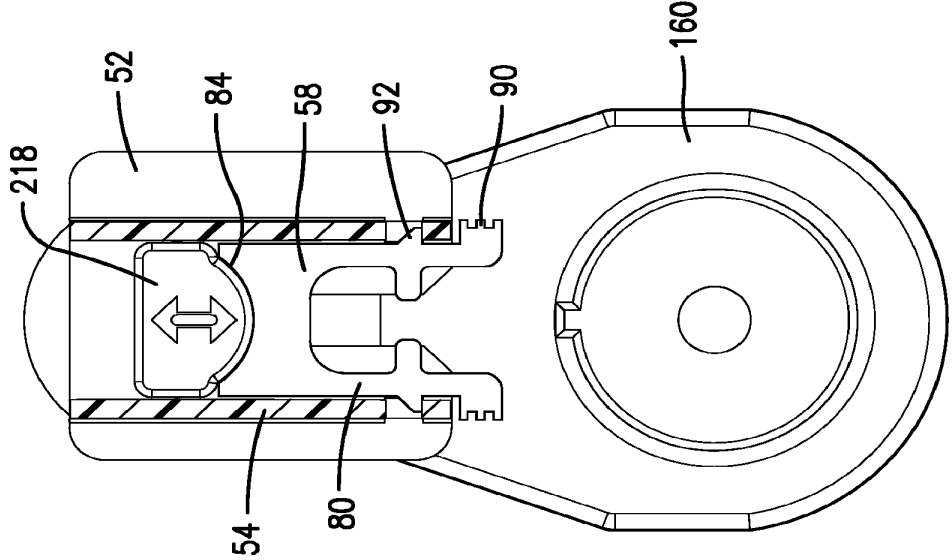


Fig. 20.

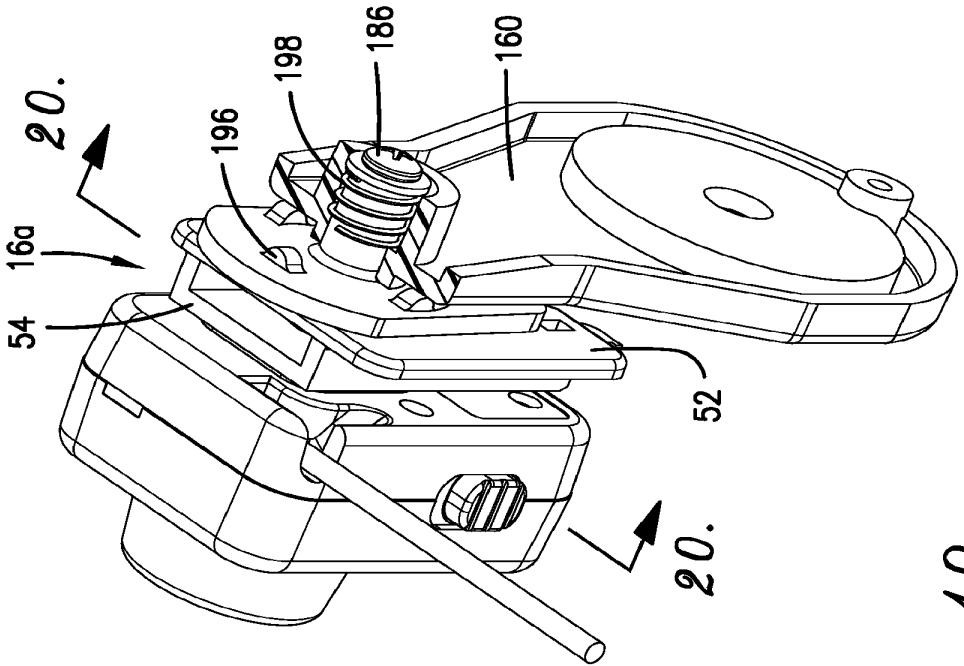
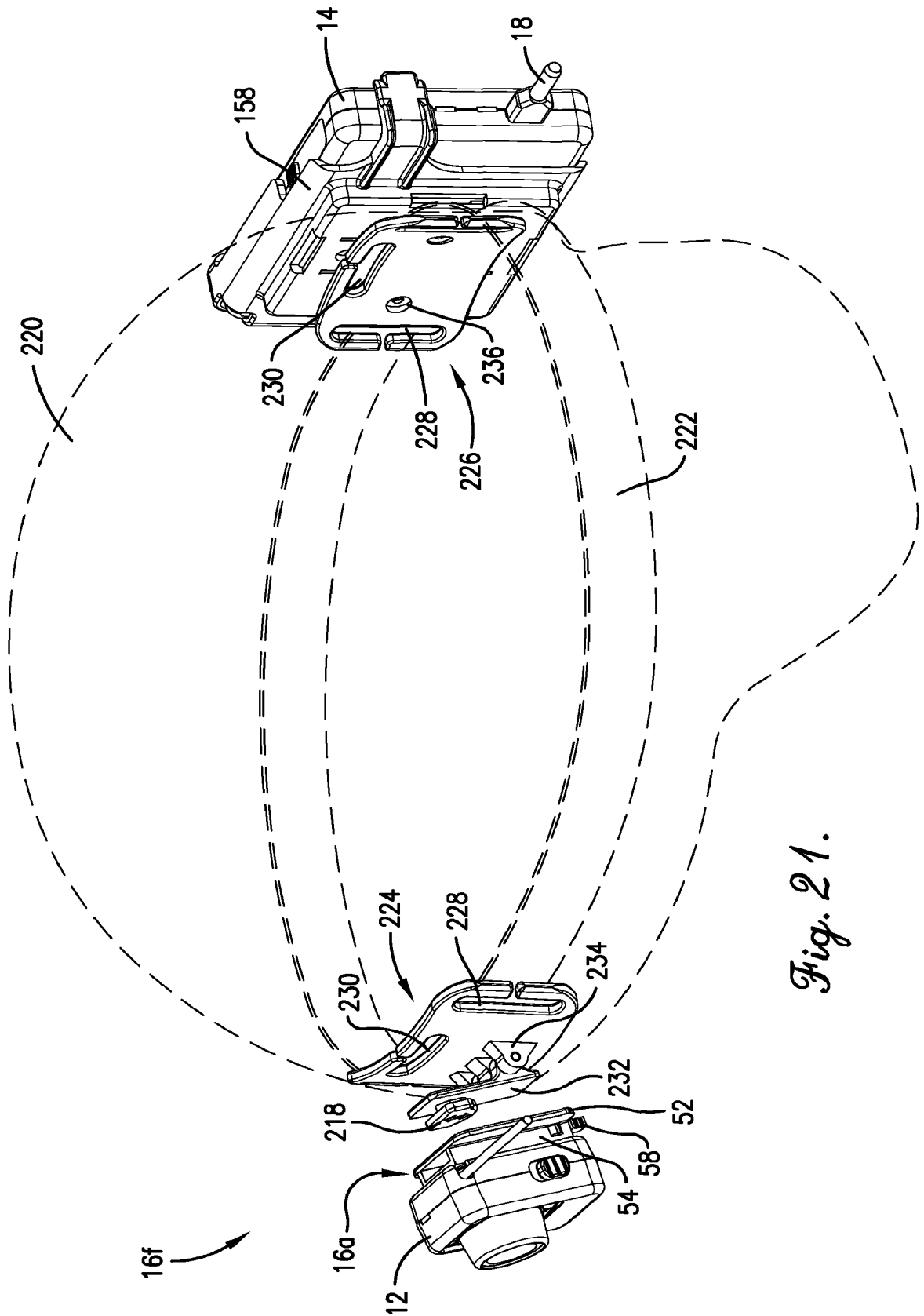


Fig. 19.



14/18

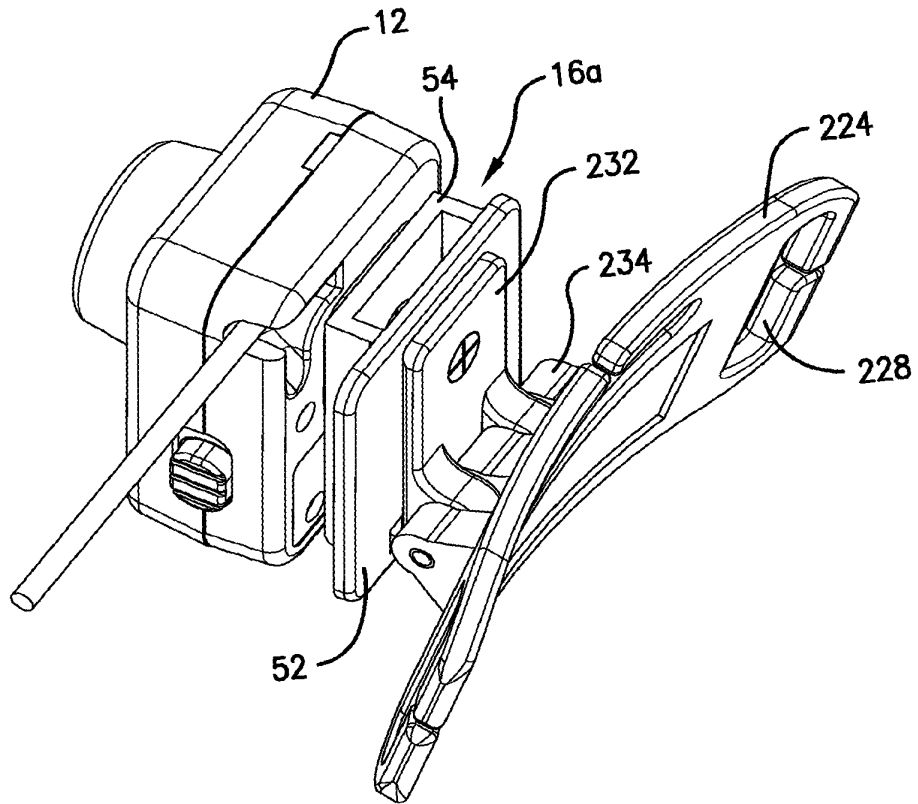
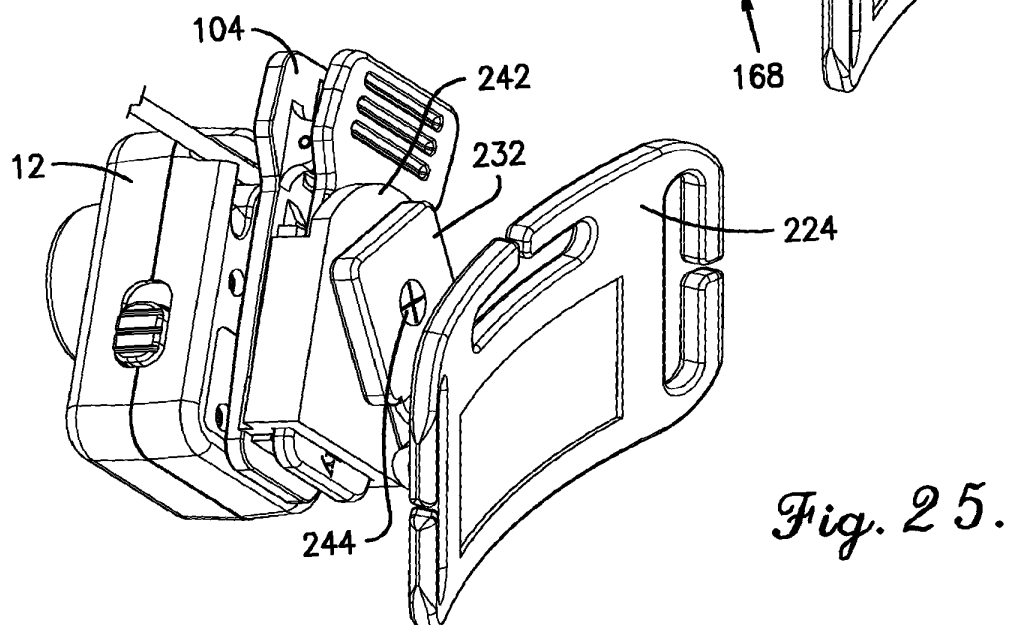
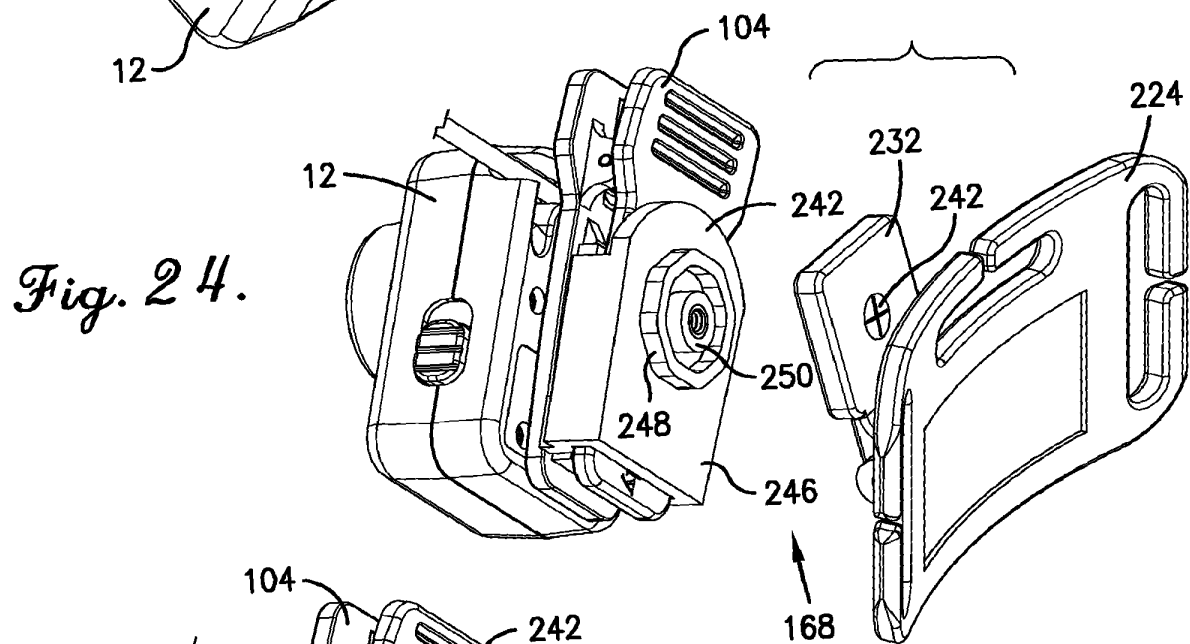
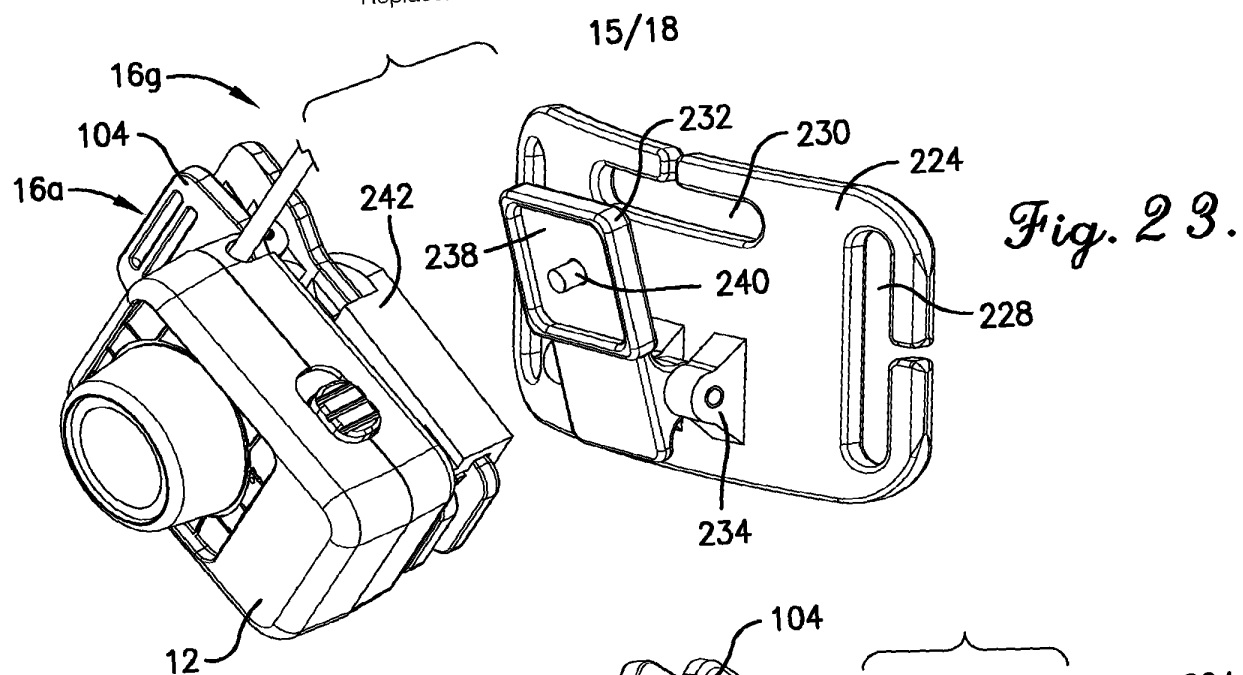


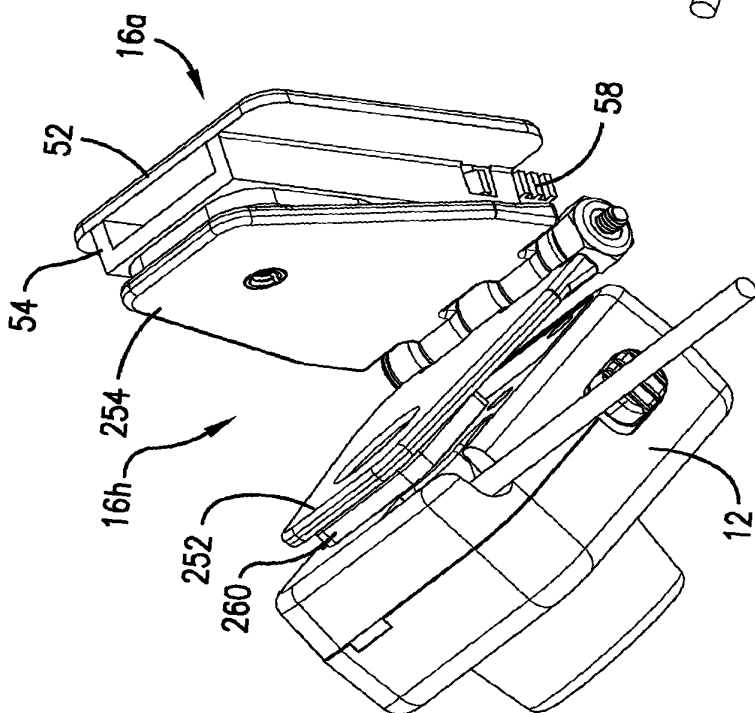
Fig. 22.

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Fig. 26.



16/18

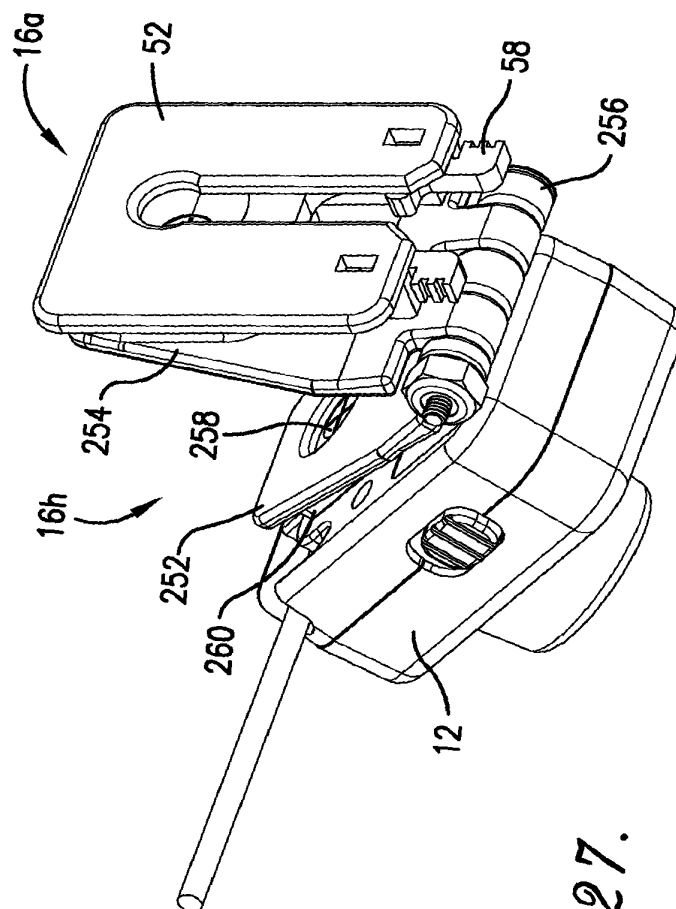


Fig. 27.

17/18

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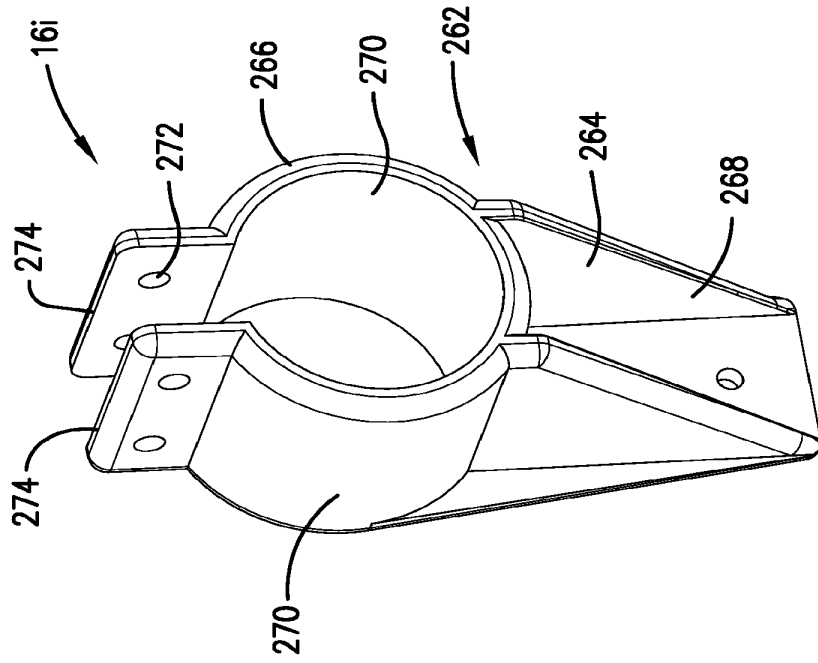


Fig. 29.

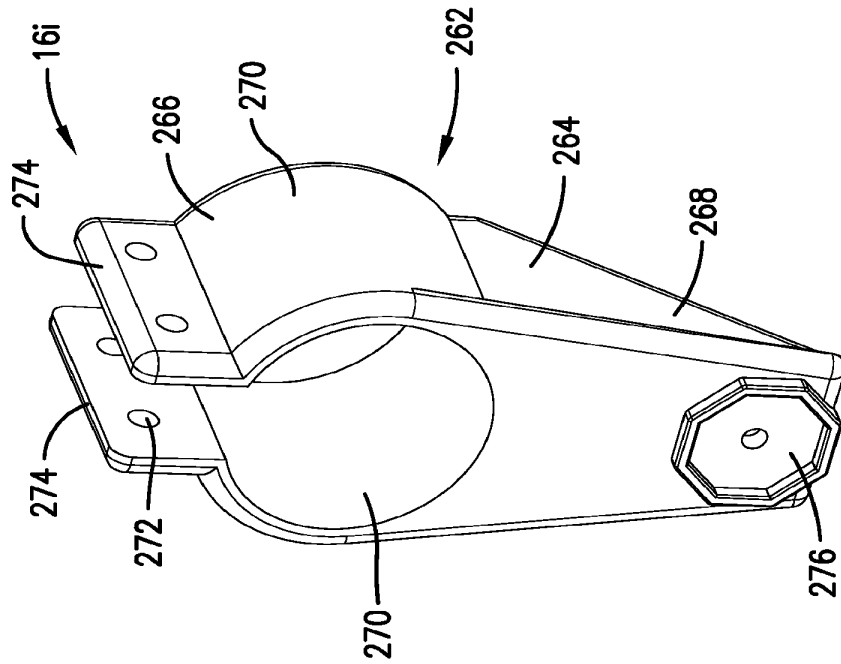


Fig. 28.

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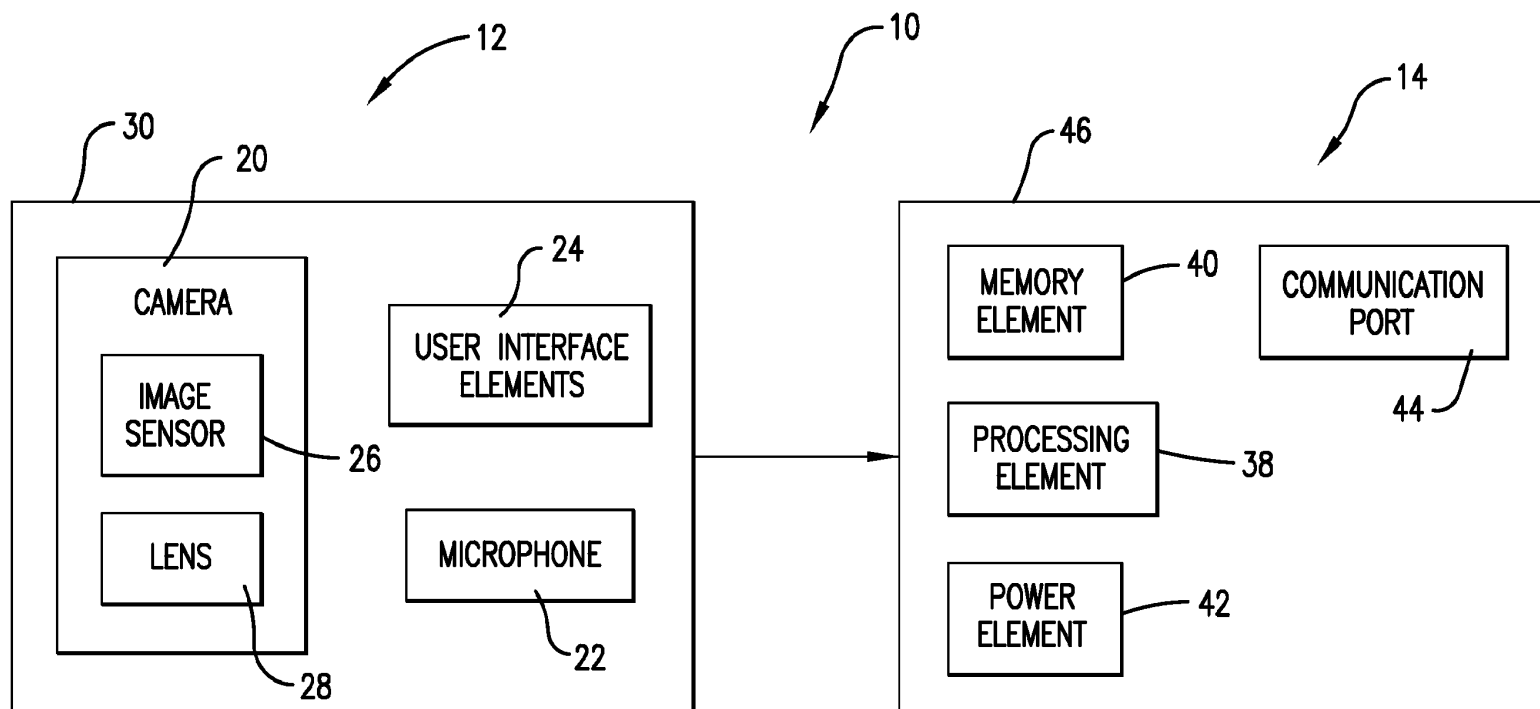


Fig. 30.

Electronic Acknowledgement Receipt

EFS ID:	20024496
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	02-SEP-2014
Filing Date:	27-SEP-2013
Time Stamp:	17:23:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	Transmittal_for_Formal_Drawings_as_Filed_9_2_14.pdf	41992 10bc7cf6e8e2dd63df5e8b7c9a9b9b6d93e a5c2e	no	1

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2	Drawings-only black and white line drawings	02_Amended_Drawings_as_Filed_9_2_14.pdf	537661 5fb2c6690183db6125aec47a4def2be33d9046e5	no	18
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Docket No.: 2539-10.01
PHILLIPS, Steve, et al.	Confirmation. No.: 4686
Serial No.: 14/040,329	Group Art Unit No.: 2662
Filed: September 27, 2013	Customer No.: 118925
PORTABLE VIDEO AND IMAGING SYSTEM	Examiner: PRABHAKHER, Pritham D.

Assistant Commissioner of Patents
Box Non-Fee Amendment
Washington, D.C. 20231

AMENDMENT

In response to the non-final Office Action dated March 5, 2014, Applicant respectfully requests amendment and reconsideration of the above-identified application.

Amendments to the Specification begin on page 2 of this paper.

A Listing of the Claims begins on page 3 of this paper.

Remarks begin on page 9 of this paper.

Amendments to the Specification:

Please amend paragraph [0059] of the application as originally filed:

The power element 42 is a battery or other component for providing power to the system 10. The power element 42 is housed in the second housing 46 and is, in embodiments, rechargeable. In embodiments, the ~~batter~~ battery can be easily removed and replaced in the field, which extends the operating time and use for the system 10.

Listing of the Claims:

1. (Currently Amended) A portable video system comprising:
a camera component for capturing video of an event, said camera component comprising
a camera housed within a housing having a size configured to mount on a user's
body,
wherein the camera includes a front side and a rear side, and wherein said rear side of the
camera has a recessed seat,
said housing of the camera component including an input to instruct recording by the
camera;
a recording component comprising a processor and a memory associated with the camera
for storing the captured video; and
a mounting assembly for mounting the camera to the user's body, the mounting assembly
being a button-mount assembly including a slotted plate presenting a slot for
receipt of a button through the slot, wherein the button is located on a clothing
article of the user[[.]],
wherein said button-mount assembly further includes a mounting bracket that at least
partially overlays and forwardly extends from a front of the slotted plate to
present a longitudinal track between the front of the slotted plate and the
mounting bracket,
wherein said mounting bracket includes a ledge configured to interfit in said recessed seat
of the camera to secure the camera to said button-mount assembly.

2. (Original) The portable video system of claim 1, wherein said camera comprises an image sensor and a lens.

3. (Original) The portable video system of claim 2, wherein said camera component is operable to capture the event for a predetermined period of time prior to the user actuating the input to instruct recording by the portable video system.

4. (Currently Amended) The portable video system of claim 1,
wherein said slot of the slotted plate of the button-mount assembly is formed in the plate
along a general longitudinal axis of said slotted plate, and
wherein the slot is open at a lower end of the slotted plate and closed at a general upper
end of the slotted plate, such that the slot is placed behind the user's button and
guided downwards over yarn or other material that secures the button to the user's
clothing article so that the button extends from a ~~general~~ said front of the slotted
plate and the yarn or other material securing the button to the user's clothing
article is held within the slot of the slotted plate.

5. (Currently Amended) The portable video system of claim 4,
~~wherein said button-mount assembly further includes a mounting bracket that at least~~
~~partially overlays and forwardly extends from the front of the slotted plate to~~
~~present a longitudinal track between said front of the slotted plate and the~~
~~mounting bracket, and~~

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket.

6. (Original) The portable video system of claim 5, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

7. (Original) The portable video system of claim 5, wherein the camera is configured to be coupled with the mounting bracket of the button-mount assembly.

8. (Cancelled)

9. (Original) The portable video system of claim 1,
wherein said housing for the camera is a first housing,
wherein said processor and memory are stored in a second housing, and
wherein the second housing is physically separated from the first housing.

10. (Original) The portable video system of claim 9, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

11-17. (Cancelled)

18. (Currently Amended) A portable video system comprising:
a camera for capturing video of an event, said camera housed within a first housing
having a size configured to mount on a user's body;
wherein said first housing includes a first input to instruct recording by the camera and a
second input to instruct the marking of the captured video with a time stamp;
a microphone for capturing audio of an event;
a ~~video~~ recording device housed within a second housing and operable to record the
captured video and captured audio of the event,
said ~~video~~ recording device being communicatively coupled with the camera and
microphone ~~housed within the first housing~~,
said ~~video~~ recording device including a processor and a memory for storing said captured
video and captured audio of the event,
said second housing being physically separated from said first housing; ~~and~~
a lock mechanism positioned on an exterior of said second housing,
wherein the lock mechanism is operable to selectively enable access to a memory
element located within the housing;
a mounting assembly for mounting at least the camera to a user's body or a clothing
article.

19. (Original) The portable video system of claim 18, wherein said mounting assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user.

20. (Withdrawn) The portable video system of claim 18,
wherein said mounting assembly is a clip,
wherein the clip includes at least two plates pivotably secured together at a general end of
each plate, such that each plate pivots with respect to the other plate to position
the plates in either of a closed position or an open position,
wherein when the plates are pivoted towards each other, the plates are in the closed
position,
wherein when the plates are pivoted away from each other, the plates are in the open
position, and
wherein when in the open position, the user can secure the plates around the clothing
article of the user.

21. (New) The portable video system of claim 1, further comprising:
a lock mechanism positioned on an exterior of said housing,
wherein the lock mechanism is operable to selectively enable access to a memory
element located within the housing.

22. (New) The portable video system of claim 1, wherein said housing of the camera component further includes a second input to instruct the marking of the captured video with a time stamp.

23. (New) The portable video system of claim 1, further comprising:
a microphone for capturing audio of an event.

24. (New) The portable video system of claim 1, wherein the microphone is located within said housing of the camera component.

25. (New) The portable video system of claim 9, further comprising:
a lock mechanism positioned on an exterior of said second housing,
wherein the lock mechanism is operable to selectively enable access to a memory
element located within said second housing.

Remarks:

Claims 1-10 and 18-19 were previously pending, with claims 11-17 and 20 being withdrawn. By way of this Amendment, Applicant has amended claims 1, 4-5, and 18; cancelled claims 8 and 11-17 without prejudice or disclaimer; and added new claims 21-25. Accordingly, 1-7, 9-10, 18-19, and 21-25 are presently pending, with claims 1 and 18 being independent and claim 20 being withdrawn.

Amendment to the Specification

The amendment to the Specification is for the purpose of correcting a typographical error and adds no new matter. Applicant respectfully requests entry of the amendment.

Allowable Subject Matter

In the Office Action, the Examiner objected to dependent claim 8, but indicated it would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant appreciates the Examiner's allowance of the subject matter of claim 8. Applicant has cancelled claim 8 and amended independent claim 1 to include some, but not all, of the subject matter of claim 8 and its intervening claims, as further discussed below. Allowance of claim 1 and its depending claims is respectfully requested.

Claim Rejections Under 35 U.S.C. § 103

The Examiner rejected claims 1-7, 9-10, and 18-19 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Application Publication No. 2009/0141129 to Dischinger in view of U.S. Patent Application Publication No. 2008/0030580 to Kashiwa and further in view of U.S. Patent No. 8,175,314 to Webster.

Applicant has amended independent claim 1 to add matter from amended claim 5 and cancelled claim 8. Applicant submits that with the addition of matter previously noted by the

Examiner as being allowable, independent claim 1 and all claims depending therefrom are now in allowable condition.

Regarding dependent claim 6, the Examiner rejected the claim as obvious and relied on Webster for teaching a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket. Webster discloses a button stop, which is simply a bump or bar that prevents the button from passing without the user rotating the button about 45 degrees away from their shirt. [*Webster, Column 6, Lines 29-51*]. The button stop is structurally different from the retention clip claimed in claim 6, even if it attempts to solve the same issue. Applicant submits that the prior art of record does not teach the feature of claim 6.

Support for new claims 21 and 25 can be found in the Specification at least in [0066] and [0091]. Support for new claim 22 can be found in the Specification at least in [0052]. Support for new claims 23 and 24 can be found in the Specification at least in [0053].

Conclusion

In view of the above amendments, Applicant submits that claims 15-28 are in condition for allowance, and a Notice of Allowance is respectfully requested. Should the Examiner believe that a telephone conference would aide in resolving any questions or issues, please contact the undersigned. Any additional fee that might be due in connection with this application should be applied against our Deposit Account No. 50-6159.

Application No. 14/040,329
Response Dated May 28, 2014
Responsive to Office Action Dated March 5, 2014

Respectfully submitted,

ERISE IP, P.A.

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
6201 College Blvd., Ste. 300
Overland Park, KS 66211
(913) 777-5600

ATTORNEYS FOR APPLICANT

(Docket No. 2539-10.01)

Electronic Acknowledgement Receipt

EFS ID:	19143168
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	28-MAY-2014
Filing Date:	27-SEP-2013
Time Stamp:	12:21:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		Response_to_03_05_14_OA_as _Filed_10_01.pdf	131754 772f921fdae6a773c8e4f0acbfd9134e17577 7a0	yes	11

Multipart Description/PDF files in .zip description			
Document Description		Start	End
Amendment/Req. Reconsideration-After Non-Final Reject		1	1
Specification		2	2
Claims		3	8
Applicant Arguments/Remarks Made in an Amendment		9	11

Warnings:

Information:

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New International Application Filed with the USPTO as a Receiving Office
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/040,329	Filing Date 09/27/2013	☐ 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), (j), 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)

	05/28/2014	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	Total (37 CFR 1.16(i))	* 17	Minus	** 20	= 0	x \$40 =	0
	Independent (37 CFR 1.16(h))	* 2	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)

		CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	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
/WANDA BARNES/

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/040,329	09/27/2013	Steve Phillips	2539-10.01

CONFIRMATION NO. 4686

PUBLICATION NOTICE



OC000000067545066*

118925
Erise IP, P.A.
6201 College Blvd
Suite 300
Overland Park, KS 66211

Title:PORTABLE VIDEO AND IMAGING SYSTEM

Publication No.US-2014-0092299-A1

Publication Date:04/03/2014

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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.

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

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)

Approved for use through 07/31/2012. OMB 0651-0031

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	Filing Date		2013-09-27	
	First Named Inventor	PHILLIPS, Steve et al.		
	Art Unit	2662		
	Examiner Name	PRABHAKHER, Pritham David		
	Attorney Docket Number	2539-10.01		

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	1	102010019451	DE	A1	2011-11-10	KALKA et al.	English Abstract Included	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329	
	Filing Date		2013-09-27	
	First Named Inventor	PHILLIPS, Steve et al.		
	Art Unit	2662		
	Examiner Name	PRABHAKHER, Pritham David		
	Attorney Docket Number	2539-10.01		

	2	2383915	RU	C2	2010-03-10	MICROSOFT CORP	English Abstract Included	☐
	3	2485804	GB	A	2012-05-30	BISCHOFF		☐
	4	2000137263	JP	A	2000-05-16	FUJI PHOTO FILM CO LTD	English Abstract Included	☐

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	1	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration dated January 30, 2014; International Application No. PCT/US2013/062415; International Filing Date: September 27, 2013; Applicant: Digital Ally, Inc.	☐

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Examiner Signature		Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	14040329
	Filing Date	2013-09-27
	First Named Inventor	PHILLIPS, Steve et al.
	Art Unit	2662
	Examiner Name	PRABHAKHER, Pritham David
	Attorney Docket Number	2539-10.01

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☒ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jennifer C. Bailey/	Date (YYYY-MM-DD)	2014-03-13
Name/Print	Jennifer C. Bailey	Registration Number	52,583

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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.



Espacenet

Bibliographic data: DE102010019451 (A1) — 2011-11-10

Cloth button decoration unit, has U-shaped spring clip designed such that clip is fixed at button via resetting force of clip in condition in which spring clip is pulled via button, and motif holder provided in form of motif plate

No documents available for this priority number.

Inventor(s):

Applicant(s): KALKA JOCHEN [DE]; PIOCH RALF [DE] ± (KALKA, JOCHEN, ;
PIOCH, RALF)

Classification: - international: **A44B1/26**
- cooperative: **A44B1/14**

Application number: DE20101019451 20100505

Priority number(s): DE20101019451 20100505

Abstract of DE102010019451 (A1)

The unit (1) has a U-shaped spring clip (2), whose bottom side serves as a recess for guiding and holding a button fastening unit in form of threads. The U-shaped spring clip is designed such that the clip is fixed at a button via resetting force or adhesion force of the clip in a condition in which the spring clip is pulled via the button. A motif holder is provided in form of a motif plate (4) that is designed to hold a motif (5), pin and decoration designs, where the motif is directly attached on an upper side of the spring clip.

(19)



Deutsches
Patent- und Markenamt



(10) **DE 10 2010 019 451 A1** 2011.11.10

(12)

Offenlegungsschrift

(21) Aktenzeichen: **10 2010 019 451.4**

(51) Int Cl.: **A44B 1/26** (2006.01)

(22) Anmeldetag: **05.05.2010**

(43) Offenlegungstag: **10.11.2011**

(71) Anmelder:

**Kalka, Jochen, 71364, Winnenden, DE; Pioch,
Ralf, 71083, Herrenberg, DE**

(72) Erfinder:

Erfinder wird später genannt werden

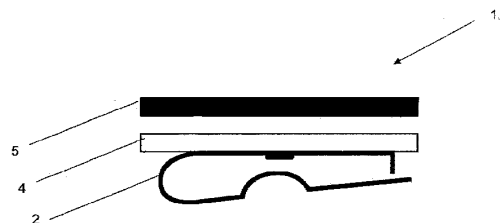
(74) Vertreter:

Stütz, Jan H., 10999, Berlin, DE

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

(54) Bezeichnung: **Knopfpin**

(57) Zusammenfassung: Die Erfindung betrifft eine Knopfverzierung (1) für Knöpfe (3), welche über eine U-förmige Federklammer (2) verfügt, deren Unterseite eine Aussparung (7) zur Einführung und Aufnahme einer Knopfbefestigung (8), insbesondere in Form von Fäden dient und dadurch gekennzeichnet ist, dass die Federklammer (2) der Knopfverzierung (1) derart ausgebildet ist, dass sie in einem über einen Knopf (3) geschobenen Zustand allein durch die Federrückstellkraft oder mit Hilfe von Adhäsionskräften am Knopf (3) fixierbar ist.



Beschreibung

[0001] Die Erfindung betrifft eine Vorrichtung zur Befestigung von Schmuckknöpfen an Kleidungsknöpfen.

[0002] Aus dem Stand der Technik sind bereits Systeme zur Befestigung von Schmuckknöpfen an Kleidungsknöpfen bekannt.

[0003] Alle aus dem Stand der Technik bekannten Lösungen besitzen allerdings den Nachteil, dass sie mit Hilfe komplizierter und Benutzer-unfreundlicher Verschlüsse fixiert werden müssen.

[0004] Aufgabe der vorliegenden Erfindung besteht demnach darin, eine besonders einfache und gleichzeitig kostengünstige Vorrichtung zur Befestigung von Schmuckknöpfen an Kleidungsknöpfen bereit zu stellen.

[0005] Diese Aufgabe wird erfindungsgemäß durch eine Knopfverzierung für Knöpfe gelöst, welche über eine U-förmige Federklammer mit einem oberen und einem unteren Federarm verfügt, wobei der untere Federarm eine Aussparung zur Einführung und Aufnahme einer Knopfbefestigung, insbesondere in Form von Fäden aufweist. Dabei ist die U-förmige Federklammer so ausgebildet und dadurch gekennzeichnet, dass sie in einem über einen Knopf geschobenen Zustand allein durch ihre Federrückstellkraft oder mit Hilfe von Adhäsionskräften am Knopf fixierbar ist.

[0006] Vorzugsweise ist an dem oberen Federarm der Federklammer eine Motivaufnahme in Form einer Motivplatte angebracht, welche dazu ausgebildet ist, Motive, Designs, Schmuckstücke oder ähnliches zu tragen.

[0007] Dabei werden die Motive, Designs, Schmuckstücke auf der Motivplatte vorzugsweise mit Hilfe einer magnetischen Verbindung gehalten. Gemäß einer weiteren Ausführungsform werden die Motive, Designs, Schmuckstücke auf der Motivplatte mit Hilfe von Formschluss gehalten.

[0008] Gemäß einer Ausgestaltung der Erfindung ist der untere Federarm der U-förmigen Federklammer gefaltet, gebogen oder besitzt auf der Unterseite eine angeraute Oberfläche. Besonders bevorzugt ist der untere Federarm so gefaltet, dass an seinem freien Ende die Stoßkante nach außen, also von dem oberen Federarm weg gebogen ist.

[0009] Durch die Faltung wird einerseits die Spannkraft der Feder erhöht, zusätzlich wird aber durch die genannten Ausgestaltungen des unteren Federarms der U-förmigen Federklammer vor allem die Haftreibung der Federklammer erhöht, wodurch die Feder-

klammer in einem über einen Knopf geschobenen Zustand auf der Kleidungsoberfläche unterhalb des Knopfes zusätzlich fixiert wird.

[0010] Gemäß einer weiteren Ausgestaltung der Erfindung besitzt die Federklammer einen Gegenhalter, dass bedeutet, das freie Ende des oberen Federarms der U-förmigen Federklammer ist Richtung des unteren Federarms umgebogen.

[0011] In einem über den Knopf geschobenen Zustand, wird ein Herausrutschen des Knopfes aus der Federklammer trotz der Klammerwirkung der Federklammer zusätzlich durch einen derartigen Gegenhalter verhindert.

[0012] Gemäß einer weiteren Ausgestaltung der Erfindung sind die Unterseite des oberen Federarms und/oder die Oberseite des unteren Federarms mit einer Anti-Rutsch-Beschichtung versehen, sind angeraut, oder mit Mitteln versehen, die eine Adhäsions-Haftung der Federklammer an der Ober- und/oder der Unterseite des Knopfes ermöglichen. In diesem Fall kann auch weitestgehend oder komplett auf die Klammerwirkung der Federklammer zur Fixierung der Knopfverzierung am Knopf verzichtet werden, da die Haft oder bevorzugt die Adhäsionswirkung für eine zuverlässige Fixierung der Federklammer und damit der Knopfverzierung an dem Knopf ausreicht. In diesem Falle ist der Begriff der U-förmigen Federklammer einfach als U-förmiges Bauteil zu verstehen.

[0013] Gemäß verschiedenen Ausgestaltungen der Erfindung ist die Federklammer aus Metall oder aus Kunststoff ausgeführt.

[0014] Bei der Ausgestaltung der Erfindung aus Kunststoff kann die Motivplatte gemäß einer bevorzugten Ausgestaltung auch Teil der Federklammer sein bzw. Motivplatte und Federklammer sind einstückig ausgeführt und beispielsweise im Spritzgussverfahren als eine Form hergestellt.

[0015] Bei der Ausgestaltung der Erfindung aus Metall ist die Motivplatte vorzugsweise entweder auf die Klammer geklebt, geschweißt, gelötet oder magnetisch angehaftet.

[0016] Weitere Einzelheiten der Erfindung gehen aus den Zeichnungen anhand der Beschreibung hervor.

Bezugszeichenliste

1	Knopfverzierung
2	Federklammer
2.1	oberer Federarm
2.2	unterer Federarm
3	Knopf
4	Motivplatte

- 5 Motiv
- 6 Kleidung
- 7 Aussparung
- 8 Knopfbefestigung
- 9 Faltung
- 10 Gegenhalter
- 11 Knopfverzierung
- 12 Adhäsionsbeschichtung
- 13 Adhäsionsbeschichtung

[0017] In den Zeichnungen zeigt:

[0018] Fig. 1 eine Seitenansicht der Knopfverzierung,

[0019] Fig. 2 eine Knopfverzierung nach Fig. 1 in über einen Knopf geschobenen Zustand,

[0020] Fig. 3 eine Draufsicht der Knopfverzierung aus Fig. 1,

[0021] Fig. 4 eine Vorderansicht der Knopfverzierung aus Fig. 1,

[0022] Fig. 5 eine Seitenansicht einer Knopfverzierung mit Adhäsionswirkung.

[0023] In Fig. 1 ist eine besonders bevorzugte Ausführungsvariante der erfindungsgemäßen Knopfverzierung 1 dargestellt. Die hier dargestellt Knopfverzierung verfügt über eine U-förmige Federklammer 2. Die Federklammer weist einen oberen Federarm 2.1 und einen unteren Federarm 2.2 auf. Das freie Ende des oberen Federarms 2.1 ist hier um 90° in Richtung unterer Federarm 2.2 gebogen. Diese Biegung des oberen Federarms 2.1 stellt einen Gegenhalter 10 dar. In einem über einen Knopf 3 geschobenen Zustand hakt der Gegenhalter 10 hinter einem hier nicht dargestellten Knopf 3 ein und sichert so die Knopfverzierung 1 gegen Abrutschen. Die Knopfverzierung 1 wird aber am Knopf 3 allein schon durch die Klammerwirkung der Federklammer 2 gehalten.

[0024] Der untere Federarm 2.1 der Federklammer 2 ist etwa in der Mitte zwischen dem freien Ende und einem Verbindungsbereich zwischen oberen und unteren Federarm 2.1 und 2.2 in Richtung oberer Federarm 2.2 eingebuchtet, gewellt bzw. gefaltet. Diese Einbuchtung, Wellung oder Faltung 9 dient zur besseren Fixierung der Federklammer 2 am Knopf 3.

[0025] Auf der Oberseite des oberen Federarms 2.1 ist eine Motivaufnahme in Form einer Motivplatte 4 aufgebraucht und mittels Löten befestigt. Die Motivplatte 4 dient zur Aufnahme eines Motivs 5.

[0026] Da die hier dargestellte Knopfverzierung 1 aus Metall gefertigt ist, kann das Motiv 5 mit Hilfe von Magnethaftung auf der Motivplatte 4 fixiert sein.

[0027] Fig. 2 zeigt die Knopfverzierung 1 gemäß Fig. 1 in einem über einen Knopf 3 geschobenen Zustand. Da die hier dargestellte Ausführungsform eine Faltung 9 des unteren Federarms 2.2 aufweist, wird der Knopf 3 zwischen der Unterseite des oberen Federarms 2.1 und der Oberseite des unteren Federarms 2.2 im Bereich der Faltung 9 an der Stelle eingeklemmt, an der die beiden Federarme den geringsten Abstand voneinander aufweisen. Zusätzlich zu der Klammerwirkung durch die Federklammer 2 weist der obere Federarm 2.1 einen Gegenhalter 10 auf, der die Knopfverzierung 1 zusätzlich gegen ein Abrutschen sichert.

[0028] Fig. 3 zeigt eine Draufsicht der Knopfverzierung 1. In dieser Ansicht ist in gestrichelter Linie der untere Federarm 2.2 der Federklammer 2 zu erkennen. In diesem unteren Federarm 2.2 befindet sich eine Aussparung 7, welche zur Einführung und Aufnahme einer Knopfbefestigung 8, insbesondere in Form von Fäden dient.

[0029] Auf der Oberseite des hier nicht zu erkennenden oberen Federarms 2.1 ist in der Draufsicht die Motivplatte 4 zu erkennen.

[0030] Fig. 4 zeigt die Frontansicht der Knopfverzierung 1 gemäß Fig. 1 mit Federklammer 2, Motivplatte 4 und Motiv 5.

[0031] Fig. 5 zeigt eine weitere Ausgestaltung der Erfindung. Die hier dargestellt Knopfverzierung 11 weist ebenso wie die Knopfverzierung 1 aus den Fig. 1 bis Fig. 4 eine Federklammer 2, eine Motivplatte 4 und ein Motiv 5 auf. Im Gegensatz zu der Knopfverzierung 1 gemäß Fig. 1 weist die Knopfverzierung 11 an der Unterseite des oberen Federarms 2.1 und an der Oberseite des oberen Federarms 2.2 eine Beschichtung auf, durch welche die Knopfverzierung 11 mittels Adhäsion auf dem Knopf gehalten wird.

[0032] Entgegen den Ausführungsversionen gemäß der Fig. 1 bis Fig. 4 wird die Knopfverzierung 11 nicht Mittels der Spannkraft der Federklammer 2 gehalten. Die Federklammer 2 kann dementsprechend aus einem wenig flexiblen oder komplett steifen Material gebildet sein, denn die Knopfverzierung wird ausschließlich durch die Adhäsionskraft auf dem Knopf 3 gehalten, welche durch die Adhäsionsbeschichtungen der Federarme an der Ober- bzw. Unterseite des Knopfes 3 hervorgerufen wird.

[0033] Zusätzlich zu der Adhäsionshaftung weist die hier dargestellt Knopfverzierung 11 auch einen Gegenhalter 10 auf, welcher die Knopfverzierung 11 zusätzlich gegen ein Abrutschen sichert.

[0034] Die in den beschriebenen Ausführungsbeispielen offenbarten Merkmalskombinationen sollen nicht limitierend auf die Erfindung wirken, vielmehr

sind auch die Merkmale der unterschiedlichen Ausführungen miteinander kombinierbar.

Patentansprüche

1. Knopfverzierung (1) für Knöpfe (3), welche über eine U-förmige Federklammer (2) verfügt, deren Unterseite eine Aussparung (7) zur Einführung und Aufnahme einer Knopfbefestigung (8), insbesondere in Form von Fäden dient, **dadurch gekennzeichnet**, dass die Federklammer (2) der Knopfverzierung (1) derart ausgebildet ist, dass sie in einem über einen Knopf (3) geschobenen Zustand allein durch die Rückstellkraft der Federklammer 2 oder mit Hilfe von Adhäsionskräften am Knopf (3) fixierbar ist.

2. Knopfverzierung (1) nach Anspruch 1, dadurch gekennzeichnet, dass die Knopfverzierung (1) über eine Motivaufnahme in Form einer Motivplatte (4) verfügt, welche dazu ausgebildet ist, verschiedene Motive (5), Pins oder Schmuckdesigns zu tragen.

3. Knopfverzierung (1) nach Anspruch 2, dadurch gekennzeichnet, dass die Motive (5), Pins oder die Schmuckdesigns auf die Motivplatte (4) geschweißt, gelötet, geklebt, geschraubt, magnetisch angehaftet, gedruckt oder geätzt sind.

4. Knopfverzierung (1) nach Anspruch 1, dadurch gekennzeichnet, dass die Motive (5), Pins oder Schmuckdesigns direkt auf die Oberseite der Federklammer (2) aufgebracht oder integraler Bestandteil der Federklammer (2) sind.

5. Knopfverzierung (1) nach einem der vorangehenden Ansprüche, dadurch gekennzeichnet, dass die Federklammer (2) über einen Gegenhalter (10) verfügt.

Es folgen 5 Blatt Zeichnungen

Anhängende Zeichnungen

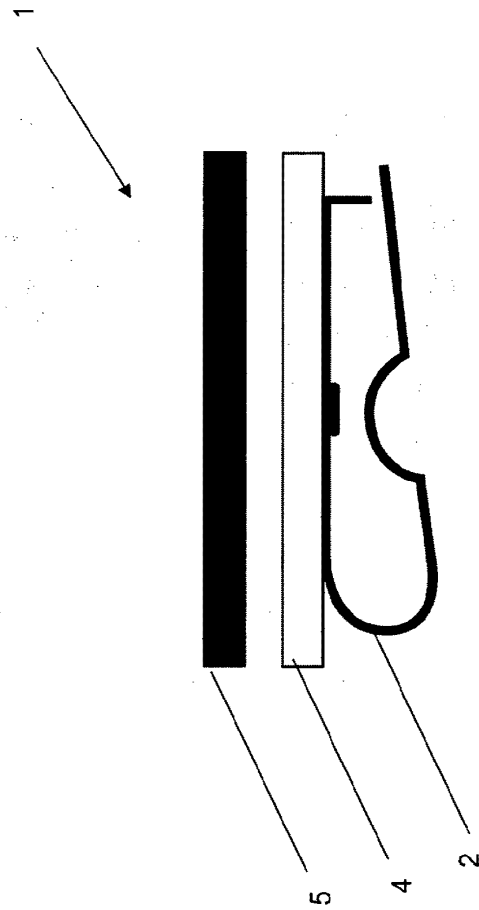


Fig. 1

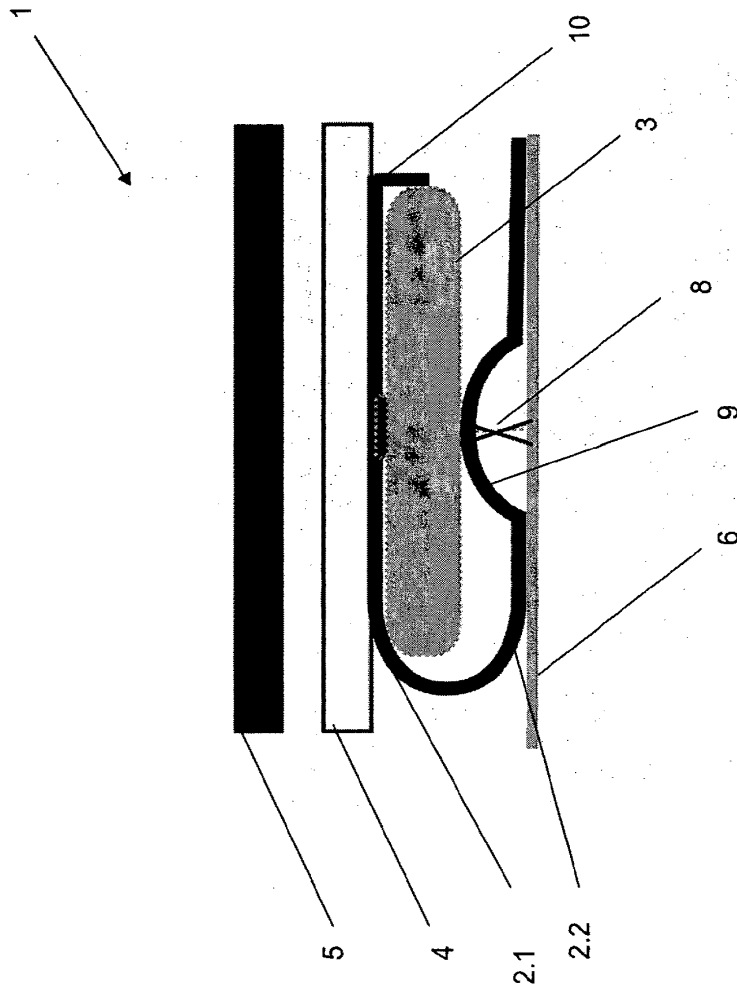


Fig. 2

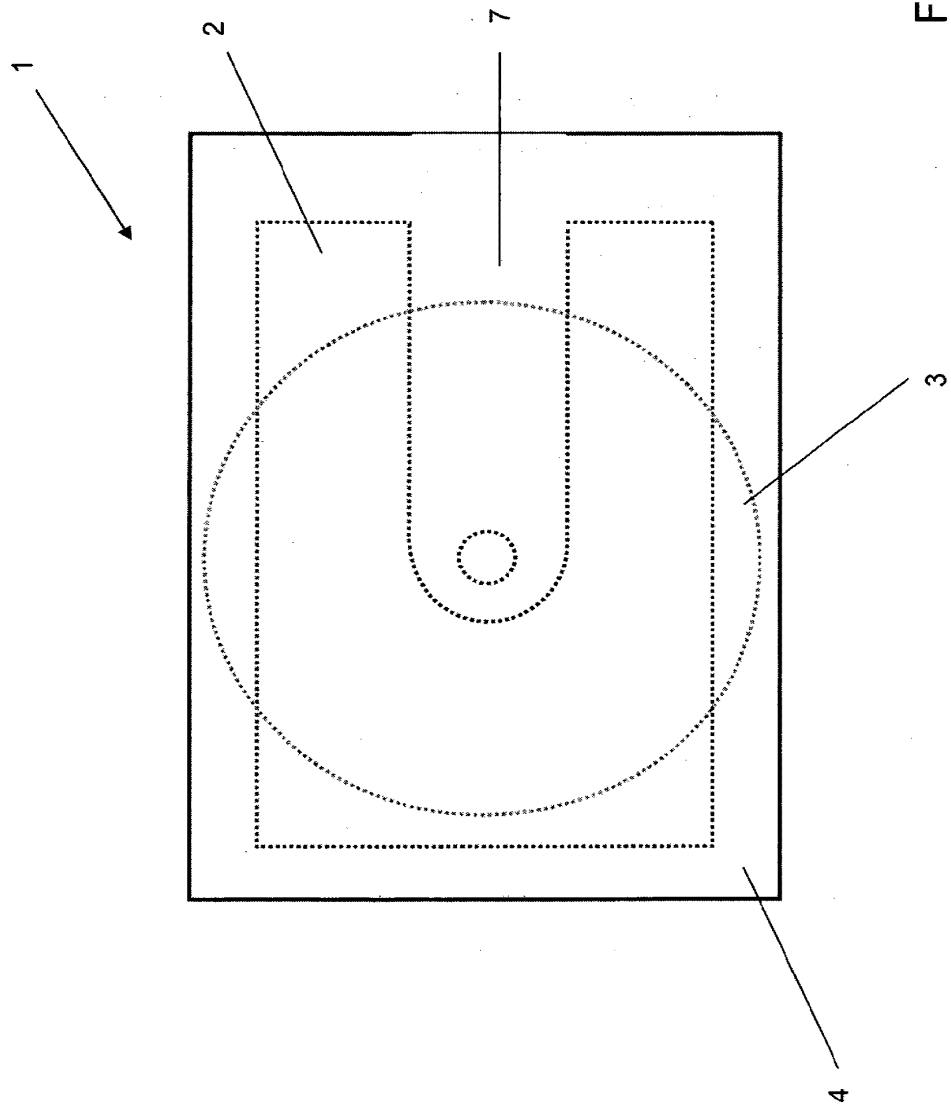


Fig. 3

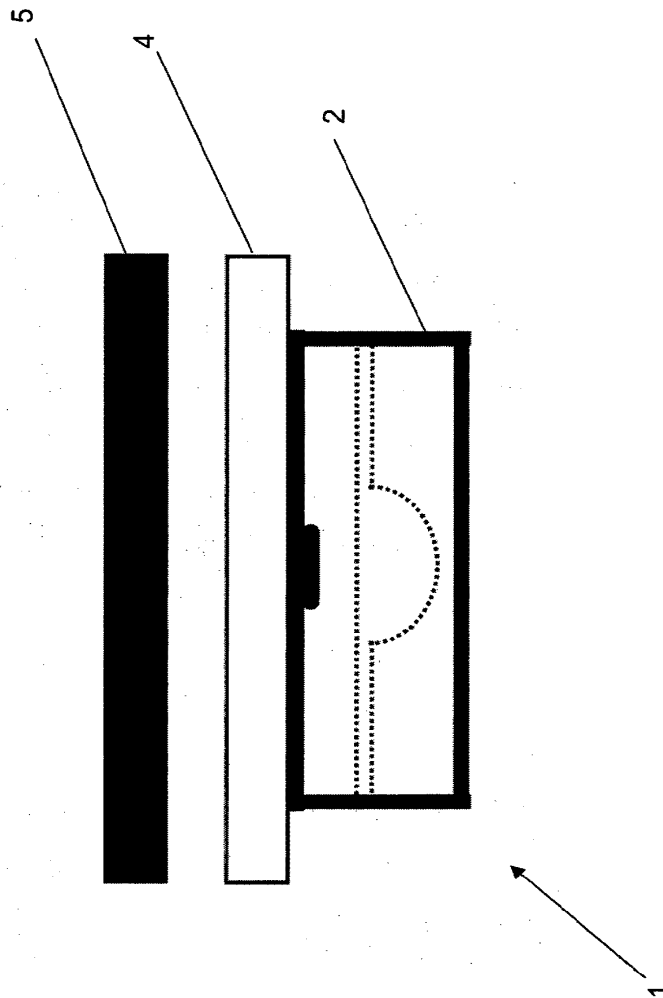


Fig. 4

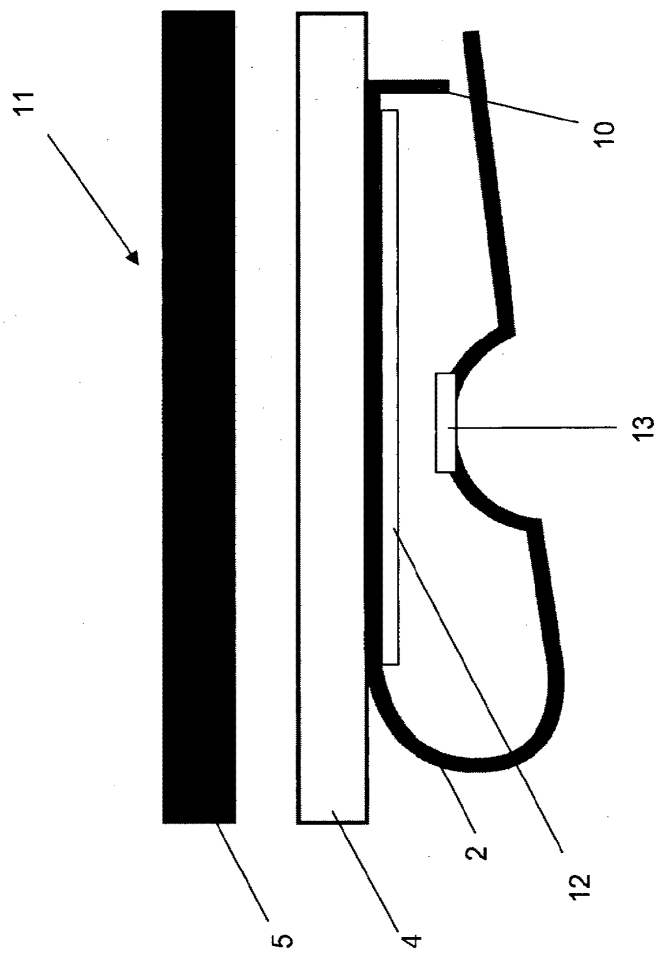


Fig. 5



Espacenet

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DEVICE FOR CAPTURING IMAGES

No documents available for this priority number.

Inventor(s): VUD KENNET ROBERT [US]; SHOFILD KEVIN MAJKL [US]; UILL JAMS LINDSI [US] ± (VUD KENNET ROBERT, ; SHOFILD KEVIN MAJKL, ; UILL JAMS LINDSI)

Applicant(s): MICROSOFT CORP [US] ± (MAJKROSOFT KORPOREJSHN)

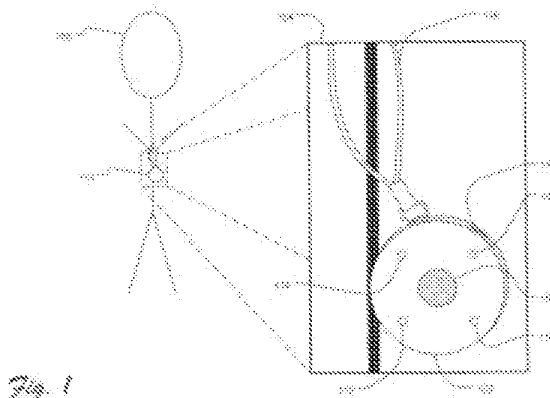
Classification: - international: A61B5/11; G05B15/00; G08B13/196; G08B15/00; H04N5/225
- cooperative: A61B5/1117; A61B5/1123; G01S19/34; G08B13/19621; G08B13/19628; G08B13/19695; G08B15/004; A61B2562/0219

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Abstract of RU2383915 (C2)



FIELD: physics; computer engineering. ^ SUBSTANCE: invention is a small portable device for capturing images, triggered by combining detection of capturing conditions (for example changes in movement, temperature and illumination level) and a relative stable period as detected by any accelerometer. Capture of a clearer image of the environment during an event of interest is expected owing to triggering by combining the detected capturing conditions and the detected state of stability. ^ EFFECT: small size of the said device makes possible its integration in common portable items such as MP3 players, wallets, clothes, headgear, knapsacks, necklaces, spectacles, watches, bracelets, chains and other articles carried by a person. ^ 41 cl, 6 dwg

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ФЕДЕРАЛЬНАЯ СЛУЖБА
ПО ИНТЕЛЛЕКТУАЛЬНОЙ СОБСТВЕННОСТИ,
ПАТЕНТАМ И ТОВАРНЫМ ЗНАКАМ

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06.12.1991.

Адрес для переписки:

129090, Москва, ул. Б.Спасская, 25, стр.3,
ООО "Юридическая фирма Городисский и
Партнеры", пат.пов. Ю.Д.Кузнецову,
рег.№ 595

(72) Автор(ы):

ВУД Кеннет Роберт (US),
ШОФИЛД Кевин Майкл (US),
УИЛЛЬЯМС Линдси (US)

(73) Патентообладатель(и):

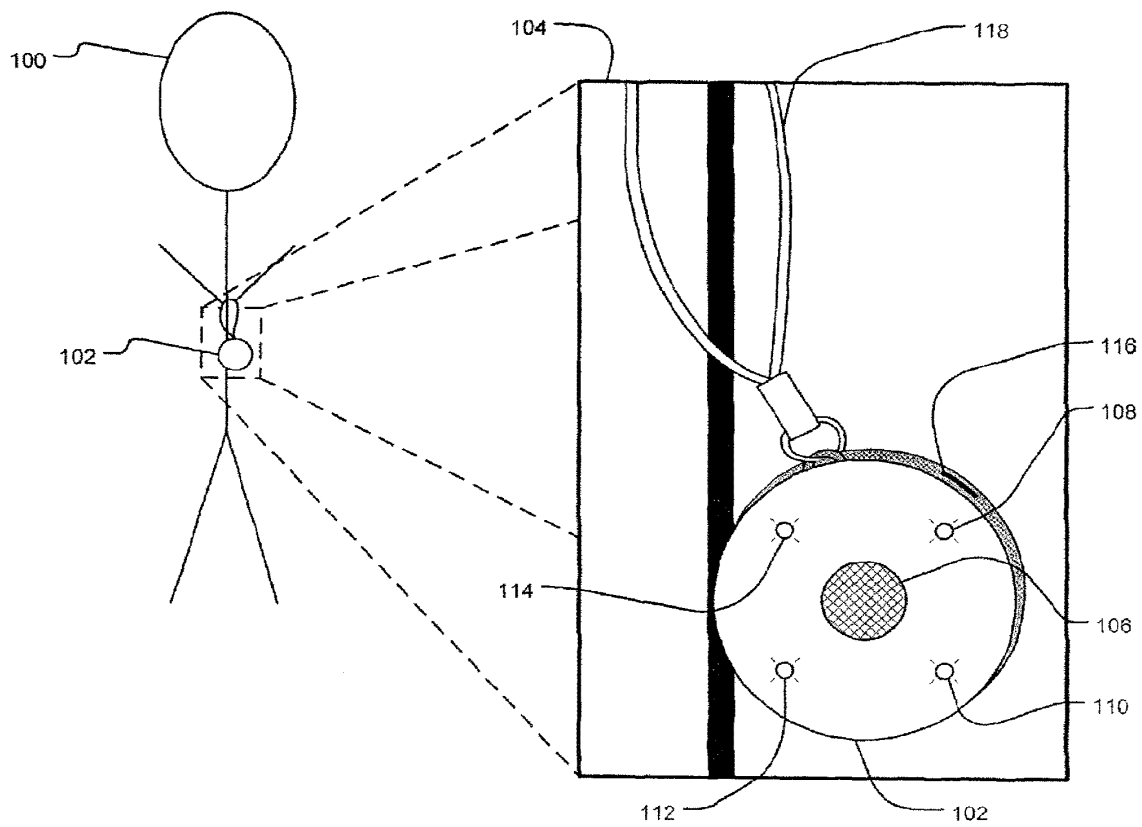
МАЙКРОСОФТ КОРПОРЕЙШН (US)

(54) УСТРОЙСТВО ДЛЯ ОБЛЕГЧЕНИЯ ВОСПОМИНАНИЙ

(57) Реферат:

Изобретение представляет собой небольшое носимое устройство для облегчения воспоминаний для захвата изображений, запускаемого комбинацией обнаружения условия захвата (например, изменений в движении, температуре или уровне освещенности) и относительно стабильного периода, как обнаруживается любым акселерометром. Благодаря запуску комбинацией обнаруженного условия захвата и обнаруженного состояния стабильности

ожидается захват более ясного изображения окружающей обстановки в момент интересующего события. Технический результат - небольшой размер устройства для облегчения воспоминаний делает возможным его интегрирование в распространенные портативные потребительские изделия, такие как MP3 плееры, бумажники, одежду, головные уборы, рюкзаки, ожерелья, очки, часы, браслеты, цепочки и другие носимые человеком изделия. 8 н. и 33 з.п. ф-лы, 6 ил.



Фиг. 1

RUSSIAN FEDERATION



FEDERAL SERVICE
FOR INTELLECTUAL PROPERTY,
PATENTS AND TRADEMARKS

(19) **RU** ⁽¹¹⁾ **2 383 915** ⁽¹³⁾ **C2**

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G05B 15/00 (2006.01)

(12) **ABSTRACT OF INVENTION**

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Mail address:
**129090, Moskva, ul. B.Spasskaja, 25, str.3, OOO
"Juridicheskaja firma Gorodisskij i Partnery",
pat.pov. Ju.D.Kuznetsovu, reg.№ 595**

(72) Inventor(s):

**VUD Kennet Robert (US),
ShOFILD Kevin Majkl (US),
UILL'JaMS Lindsi (US)**

(73) Proprietor(s):

MAJKROSOFT KORPOREJShN (US)

(54) **DEVICE FOR CAPTURING IMAGES**

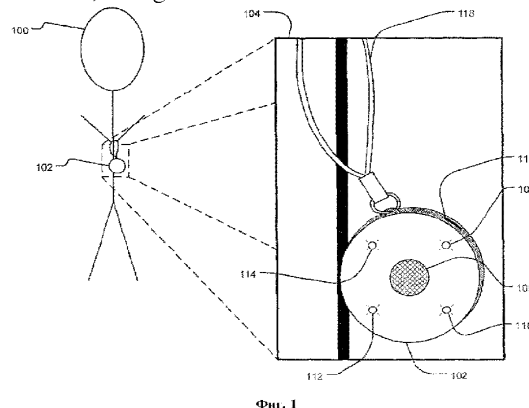
(57) Abstract:

FIELD: physics; computer engineering.

SUBSTANCE: invention is a small portable device for capturing images, triggered by combining detection of capturing conditions (for example changes in movement, temperature and illumination level) and a relative stable period as detected by any accelerometer. Capture of a clearer image of the environment during an event of interest is expected owing to triggering by combining the detected capturing conditions and the detected state of stability.

EFFECT: small size of the said device makes possible its integration in common portable items such as MP3 players, wallets, clothes, headgear, knapsacks, necklaces, spectacles, watches, bracelets, chains and other articles carried

by a person.
41 cl, 6 dwg



Фиг. 1

Область техники, к которой относится изобретение

Изобретение относится к электронным устройствам в общем, а именно к устройствам для облегчения воспоминаний.

Уровень техники

5 Способность восстанавливать события, персональные характеристики и характеристики окружающей среды, происходящие с индивидуумом, имеет много приложений. Например, индивидуум, страдающий нарушениями памяти, например
 10 больной болезнью Альцгеймера, и заботящийся о нем/ней человек могут восстановить часть повседневных действий индивидуума, для того чтобы помочь заполнению провалов в памяти индивидуума (например, для того чтобы определить, где индивидуум положил его ключи от дома, установить личность людей, с которыми общался индивидуум, и так далее). В другом приложении события и характеристики, связанные с травмой, например падением пожилого человека, приведшим к травме,
 15 могут быть восстановлены терапевтом для лучшего понимания причины и объема повреждений. Также восстановление событий и характеристик, происходящих с ребенком в течение дня, может помочь родителям или учителю в диагностике проблем в детском поведении.

20 Тем не менее, существующие подходы к мониторингу таких событий и характеристик не приспособлены к применению в малозаметных, носимых устройствах. Такие подходы включают в себя обзорные камеры и микрофоны в комнате или определенной области и крупногабаритные видеокамеры и другие устройства наблюдения, которые практически не предназначены для
 25 комфортабельного персонального использования в течение длительного периода времени (например, использование в течение всего дня) из-за их объема, ограничений по памяти, энергетических ограничений и других ограничений.

Раскрытие изобретения

30 Варианты осуществления, описанные и заявленные здесь, решают вышеупомянутые проблемы посредством предоставления небольшого носимого устройства для облегчения воспоминаний для захвата изображений, запускаемого комбинацией обнаружения условия захвата (например, изменений в движении, температуре или уровне освещенности) и относительно стабильного периода, как обнаруживается
 35 любым акселерометром. Благодаря запуску комбинацией обнаруженного условия захвата и обнаруженного состояния стабильности, ожидается захват более ясного изображения окружающей обстановки в момент интересующего события. Небольшой размер устройства для облегчения воспоминаний делает возможным его интегрирование в распространенные портативные потребительские изделия, такие
 40 как MP3 плееры, бумажники, одежду, головные уборы, рюкзаки, ожерелья, очки, часы, браслеты, цепочки и другие носимые человеком изделия.

В некоторых вариантах реализации изделия имеют форму компьютерных программных продуктов. В одной реализации компьютерный программный продукт
 45 представляет собой машиночитаемый носитель с закодированной компьютерной программой. Другая реализация компьютерного программного продукта представляет собой компьютерный сигнал данных, реализованный в виде несущей волны компьютерной системой и содержащей закодированную компьютерную программу.
 50

Компьютерный программный продукт кодирует компьютерную программу для выполнения компьютерного процесса в вычислительной системе. Ускорение камеры вдоль, по меньшей мере, одной из осей наблюдается с использованием акселерометра.

Условие захвата, испытываемое камерой, детектируется. Состояние стабильности детектируется, по меньшей мере, одним акселерометром вдоль, по меньшей мере, одной оси, ответственной за операцию обнаружения условия захвата. Захват изображения камерой запускается на основе обнаружения условия захвата, за которым следует состояние стабильности.

В другой реализации предоставляется способ. Ускорение камеры вдоль, по меньшей мере, одной из осей наблюдается с использованием акселерометра. Условие захвата, испытываемое камерой, детектируется. Состояние стабильности детектируется, по меньшей мере, одним акселерометром вдоль, по меньшей мере, одной оси, ответственной за операцию обнаружения условия захвата. Захват изображения камерой запускается на основе обнаружения условия захвата, за которым следует состояние стабильности.

В еще одной реализации предоставляется портативное устройство для облегчения воспоминаний для ношения. Портативное устройство для облегчения воспоминаний включает в себя камеру и, по меньшей мере, один акселерометр, функционально соединенный с камерой. Акселерометр запускает захват изображения камерой на основе обнаружения условия захвата, за которым обнаружение условия устойчивости, по меньшей мере, одним акселерометром.

Другие реализации также описаны и перечислены в настоящем описании.

Краткое описание чертежей

Фиг.1 иллюстрирует примерное носимое человеком устройство для облегчения воспоминаний.

Фиг.2 иллюстрирует внутреннюю горизонтальную проекцию и внешний вид в перспективе примерного устройства для облегчения воспоминаний.

Фиг.3 иллюстрирует схему примерного устройства для облегчения воспоминаний.

Фиг.4 иллюстрирует примерные операции процесса селективного захвата изображения.

Фиг.5 иллюстрирует примерные показания сенсора, относящиеся к событиям захвата изображения.

Фиг.6 иллюстрирует изображение, захваченное через нормальный объектив, изображение, захваченное через объектив типа «рыбий глаз» и откорректированную версию захваченного изображения.

Раскрытие изобретения

Фиг.1 иллюстрирует примерное носимое человеком устройство для облегчения воспоминаний. Человек 100, носящий устройство, показан носящим устройство 102 для облегчения воспоминаний в ожерелье. Должно быть понятно, тем не менее, что носящим устройство может быть необязательно человек, но и животные, транспортные средства и другие объекты, которые могут носить устройство облегчения воспоминаний для выборочной записи наблюдаемых условий окружающей среды.

Покомпонентное представление изображения устройства 102 для облегчения воспоминаний представлено в прямоугольнике 104. Камера 106, которая может включать в себя объектив типа «рыбий глаз», широкоугольный объектив или любой другой объектив, расположена в центре устройства 102 для облегчения воспоминаний, хотя камера 106 может быть расположена в других частях устройства 102 для облегчения воспоминаний.

Четыре светоизлучающих диода (LEDs) показаны на лицевой стороне устройства 102 для облегчения воспоминаний. Светоизлучающий диод 108

сигнализирует об обнаружении звукового условия захвата, такого как превышение детектируемым уровнем звука заданного порогового значения или существенное изменение в среднем уровне звука за заданный период времени. Светоизлучающий диод 110 сигнализирует об обнаружении подвижного условия захвата, такого как
 5 детектируемое изменение угла, превышающее пороговое значение (например, 20°). Светоизлучающий диод 112 сигнализирует об обнаружении светового условия захвата, такого как значительное изменение в среднем уровне освещенности в течение заданного периода или превышение детектируемым уровнем освещенности заданного
 10 порогового значения. Светоизлучающий диод 114 сигнализирует об обнаружении температурного условия захвата, такого как превышение детектируемым уровнем температуры окружающей среды заданного порогового значения или значительное изменение уровня температуры окружающей среды в течение заданного периода. В качестве альтернативы могут быть применены условия захвата, отличные от
 15 перечисленных выше.

Последовательный порт 116, показанный на устройстве 102 для облегчения воспоминаний, служит для загрузки данных, собранных устройством 102 для облегчения воспоминаний в компьютерную систему. Записанные данные от
 20 различных источников в устройстве 102 для облегчения воспоминаний сохраняются в памяти устройства 102 для облегчения воспоминаний. Такие данные также могут быть загружены через последовательный порт 116 в более фундаментальную компьютерную систему, например в настольный компьютер, для последующего анализа (например, с использованием приложения для работы с электронными
 25 таблицами EXCEL от компании Майкрософт или других инструментов анализа). Внутренние настройки, такие как параметры условий, временные установки и так далее, также могут быть загружены в устройство 102 для облегчения воспоминаний через последовательный порт.

Беспроводной передатчик (не показан на чертеже) соединен с антенной, расположенной в шнуре 118. Беспроводной передатчик может быть
 30 использован для загрузки и выгрузки данных, а также для взаимодействия с беспроводными сетевыми протоколами, такими как Wi-Fi и Bluetooth, и для обнаружения радиочастотных сигналов.

Фиг.2 иллюстрирует внутреннюю горизонтальную проекцию 200 и внешний вид 202 в перспективе примерного устройства для облегчения воспоминаний. Здесь описаны характерные компоненты устройства для облегчения воспоминаний; тем не менее, должно быть понятно, что другие компоненты могут быть использованы в других
 40 реализациях устройства для облегчения воспоминаний. Микроконтроллер (не показан на чертеже) смонтирован на оборотной стороне печатной платы 204. В одной реализации был использован микроконтроллер Microchip 20Mhz PIC16F876. Камера 206 и объектив 208 функционально соединены с печатной платой 204 устройства для облегчения воспоминаний. В одной реализации использовался модуль
 45 камеры размерами 50 мм x 30 мм x 14 мм с 300 kpixels производства компании Sipix Snap, вместе с объективом f2, f2.2 производства компании Edmunds Optics. В альтернативной конфигурации использовалась камера Philips Key008 с дополнительным объективом производства компании Edmunds Optics, с фокусным
 50 расстоянием 2.9 мм. Интерфейс к затвору и управлению режимом камеры был выполнен с использованием герконов, хотя другие переключающие элементы, такие как оптические канальные полевые униполярные МОП-транзисторы, могут быть использованы в качестве альтернативы.

Акселерометр 210 смонтирован на печатной плате 204. В иллюстративной реализации использовался один двухосевой +/-10g акселерометр ADXL210 производства компании Analog Devices. В альтернативной реализации может применяться несколько многоосевых или одноосевых акселерометров. Например, отдельные одноосевые акселерометры могут быть сконфигурированы для обнаружения ускорения по каждой из трех осей (X, Y и Z). В альтернативной реализации три оси назначены как вращение, отклонение и поворот вокруг горизонтальной оси, и используется гироскоп для обнаружения поворота вокруг горизонтальной оси (вращательного ускорения).

Сенсор 212 уровня освещенности смонтирован на печатной плате 204. В одной реализации цифровой сенсор уровня внешней освещенности производства компании TAOS, Inc., например TAOS230, применяется для обнаружения величины и изменений в уровне внешней освещенности, воздействующей на устройство для облегчения воспоминаний и таким, образом, на носителя устройства. Изменение в уровне внешней освещенности представляет собой примерное условие захвата, которое может сигнализировать о перемещении носителя из одной комнаты в другую или из помещения на улицу. Дополнительно, изменение в уровне внешней освещенности может имитироваться жестом, например перемещением чьей-нибудь руки над устройством для облегчения воспоминаний, создающим тень над сенсором уровня освещенности. Например, захват изображения может быть запущен жестом носителя без необходимости действительного нажатия носителем переключателя на устройстве для облегчения воспоминаний. В одной такой реализации задержка между обнаружением события захвата и запуском захвата изображения длится, по меньшей мере, в течение predetermined периода задержки, для того чтобы дать возможность камере сфокусироваться на цели должным образом.

Сенсор температуры окружающей среды (не показан на чертеже) смонтирован на печатной плате 204. В одной реализации сенсор LM75 производства компании National Semiconductor использовался для детектирования величины и изменений в уровнях температуры окружающей среды, воздействующей на устройство для облегчения воспоминаний. Изменение уровня температуры окружающей среды представляет собой примерное условие захвата, которое может сигнализировать о перемещении носителя из помещения на улицу.

Порт 214 последовательной шины смонтирован на печатной плате 204. В одной реализации использовался интерфейс универсальной последовательной шины, хотя могут быть использованы другие последовательные порты, такие как интерфейс RS-232 или IRDA-интерфейс, или любой другой порт данных. Порт последовательной шины (или другой интерфейс) может быть использован для загрузки или выгрузки данных с/на устройства для облегчения воспоминаний. Светодиод 216 сигнализирует об обнаружении различных событий захвата, как обсуждалось со ссылкой на Фиг.1.

Фиг.3 иллюстрирует схему компонент 300 примерного устройства для облегчения воспоминаний. Микроконтроллер 302 связан для управления камерой 304, с использованием линии 306 управления затвором и линии 308 управления режимом. Сигнал, испускаемый микроконтроллером 302 на линию 306 управления затвором, запускает захват изображений камерой 304. Сигнал, испускаемый микроконтроллером 304 на линию 306 управления режимом, устанавливает камеру в режим высокого разрешения, низкого разрешения или запускает удаление захваченных изображений. Объектив 310, например обычный объектив,

широкоугольный объектив или объектив типа «рыбий глаз», соединен с камерой 304.

Батарея 312, например никель-металл гидридная батарея форм-фактора AA с напряжением в 1.5 вольт, питает проиллюстрированное устройство для облегчения воспоминаний, включая камеру 304. Схема 314 со ступенчатой регулировкой усиления увеличивает напряжение, поставляемое батареей 312, до 3.7 вольт для питания микроконтроллера 302 и других компонент на печатной плате.

Шина 316 связи ИС (I^2C) соединяет блок 318 памяти с микроконтроллером 302. Блок 318 памяти может быть использован для сохранения регистрируемых данных сенсоров и захваченных изображений и звука. В одной реализации использовались две микросхемы памяти 128Kbyte FLASH (Microchip 24LC512). В альтернативной реализации могут быть присоединены модули памяти большей емкости и возможно съёмные, например SD или MMC карты, что допускает до 1Gbyte емкости. Микросхема 320 часов реального времени (Dallas/Maxim) и сенсор 322 температуры окружающей среды (National Instruments LM75) также соединены с микроконтроллером 302 посредством Шина 316 связи ИС (I^2C).

По меньшей мере, один акселерометр 324 соединен с микроконтроллером 302 для детектирования изменений в расположении и движении. В иллюстративной реализации были использованы три одноосевых акселерометра 326, один для каждой из осей (X, Y и Z). Интерфейс 328 последовательной шины, такой как USB или RS-232 интерфейс, соединен с микроконтроллером 302 для того, чтобы сделать возможным загрузку и выгрузку данных. Схема 330 записи аудиосигнала также соединена с микроконтроллером 302 для записи внешнего звука. В одной реализации схема 330 записи аудиосигнала может вести запись непрерывно в течение некоторого периода времени, хотя в других реализациях схема 330 записи аудиосигнала включается на запись в ответ на обнаружение условия захвата. Цифровой сенсор 332 уровня освещенности соединен с микроконтроллером 302 для детектирования световых условий захвата. Радиочастотный передатчик 334 и антенна 336 соединены с микроконтроллером для обеспечения или обнаружения сеансов связи Wi-Fi, транспондеров радиочастотного определения и/или для обнаружения радиочастотных сигналов. В одной реализации был использован передатчик с частотой 433 MHz.

В другой реализации был использован радиоприемник с частотой 2.4 GHz для обнаружения беспроводных сетей. Если устройство для облегчения воспоминаний приносится в область около компьютера, имеющего возможность беспроводной связи, то устройство для облегчения воспоминаний может получить доступ к компьютеру и передать изображения, аудиоинформацию и данные других сенсоров к компьютеру (например, с использованием Bluetooth или Wi-Fi). По существу, удаленная компьютерная система может быть использована для задания установок устройства, таких как настройки камеры, настройки сенсоров, настройки времени и тому подобное.

Другой интерфейс пользователя может быть использован в устройстве для облегчения воспоминаний, не имеющем места или ограниченном в свободном месте для переключателей, кнопок и тому подобному. Для того чтобы сделать возможной передачу захваченных и зарегистрированных данных к компьютерной системе без использования переключателей, камера может быть установлена в predetermined положение (например, лицевой стороной на стол). В момент включения один или несколько акселерометров, детектирующих predetermined положение, могут запустить автоматическую загрузку данных на компьютер по беспроводной линии связи без какого-либо вмешательства со стороны пользователя.

Другие примерные компоненты ввода, которые могут быть использованы для мониторинга и регистрации данных сенсоров, включают в себя без ограничений приемник глобальной системы позиционирования (GPS) (например, GPS приемник производства компании Garmin Geko с разрешением в 10 м и детектированием географического положения, высоты над уровнем моря и направления стрелки компаса), монитор сердечного ритма (например Polar monitor), видеокамеру, гироскоп для детектирования вращательных условий (например, гироскоп ADXRS производства компании Analog Devices), химический сенсор (например, сенсор угарного газа Figaro или детектор дыма), обратносмещенный светодиод, обеспечивающий грубое оптическое определение движения на основе изменения во внешней освещенности и пассивный детектор инфракрасного излучения (например, пассивный инфракрасный детектор температуры от компании Seiko), для обнаружения людей на расстоянии до 2.5 м от носителя.

Другие примерные условия захвата могут быть выполнены при изменении в уровне звука, изменении в уровне освещенности, изменении в движении (например, как детектируется акселерометром или гироскопом), изменении в сердечном ритме, изменении внешней температуры или температуры тела носителя, изменении в химическом составе окружающей среды (например, воздуха), обнаружении Wi-Fi сигнала, обнаружении транспондера радиочастотного определения или истечении некоторого периода времени по часам реального времени.

Различные комбинации этих компонент могут быть использованы для выборочного захвата звука и изображений на основе обнаружения потенциально интересных условий, отмеченных обнаружением условия захвата. Таким образом, выборочный захват изображения и звука делает использование ресурсов памяти более эффективным благодаря избеганию непрерывного захвата неинтересных условий.

Фиг.4 иллюстрирует примерные операции 400 процесса селективного захвата изображения. Операция 402 мониторинга отслеживает перемещения камеры с использованием, по меньшей мере, одного акселерометра. Операция 404 детектирования детектирует внешнее условие, воздействующее на камеру, которое обозначается как «условие захвата». Условие захвата показывает что что-то, что ранее было связано с потенциально интересным событием в окружающей среде, произошло. Например, если перемещение из одной комнаты в другую считается интересным событием в окружающей среде, то может считаться, что изменения в уровне внешней освещенности показывают, что носитель переместился в другую комнату.

В одной реализации примерная операция детектирования включает в себя следующие этапы, описанные при помощи псевдокода:

Детектирование_уровня_освещенности:

- (1) Считать уровень внешней освещенности в люксах, используя TCS230 в текущем интервале наблюдений
- (2) Сравнить текущие показания уровня внешней освещенности с показаниями уровня внешней освещенности, считанными во время предыдущего интервала наблюдений (например, одну секунду назад)
- (3) Если текущие показания < 50 % от предыдущих показаний или текущие показания > 200 % от предыдущих показаний, то обозначить условие захвата
- (4) Перейти к Детектированию_уровня_освещенности

Цель детектирования условия захвата заключается в первоначальном запуске захвата изображения. Тем не менее, так как устройство для облегчения воспоминаний

является носимым устройством, подверженным тряске, то сам захват изображения задерживается (то есть управляется) до тех пор, пока состояние стабильности не будет детектировано акселерометром. Таким образом, операция 406 задержки задерживает операцию 408 запуска до тех пор, пока состояние стабильности не будет

5 детектировано акселерометром(ами). Благодаря этому ожидается, что качество (например, ясность) захваченного изображения будет выше, чем качество изображения от неуправляемого захвата изображения.

Состояние стабильности детектируется, когда один или более из акселерометров в камере детектирует движение в пределах predetermined диапазона или ниже

10 определенного порогового значения. Например, примерное устройство для облегчения воспоминаний может быть настроено для детектирования состояния стабильности тогда, когда все акселерометры не отмечают движения по соответствующим им осям. Тем не менее, такие настройки могут существенно

15 ограничить вероятность захвата изображения в процессе других допустимых смещений камеры, таких как нахождение носителя около плаката. Соответственно состояние стабильности может быть установлено ниже, чем пороговая степень изменения в угле (например 20°) для любого заданного вывода акселерометра в ходе

20 процесса измерения (например, 1 секунда).

В одной реализации примерная операция задержки включает в себя следующие этапы, описанные при помощи псевдокода:

Захват_изображения

(5) Считать угол(ы) наклона акселерометра(ов) во время текущего интервала

25 наблюдений

(6) Сравнить угол(ы) наклона с углом(ами) наклона от предыдущего интервала изменений (например, одну секунду назад)

(7) Если разница в любом из углов наклона превышает 20°, то перейти на захват

30 изображения

(8) запустить захват изображения на камере

(9) выход

После детектирования состояния стабильности операция 408 запуска запускает захват изображения через блок камеры. В альтернативной реализации также могут

35 быть захвачены другие состояния окружающей среды, включая в себя без ограничений аудиозапись в течение заданного периода времени, показания GPS, показания часов реального времени и т.п. Цель событий захвата заключается в установке быстрого снимка окружающей среды, которая существует во временной

40 близости от условия захвата. После чего захваченные данные могут быть загружены в компьютерную систему для облегчения восстановления условий окружающей среды, связанных с потенциально важными событиями.

В другой реализации захват изображения (включая захват видеоизображения) может происходить непрерывно или периодически, даже при отсутствии

45 предшествующего условия захвата. Например, устройство для облегчения воспоминаний детектирует состояние стабильности и запускает захват изображения в память. После этого детектируется временное близкое условие захвата, так что захваченное изображение сохраняется благодаря последующему условию захвата.

50 Если не детектируется временное близкое условие захвата, то захваченное изображение может быть удалено из памяти для сохранения свободной памяти. Таким образом, условия внешней среды, существующие непосредственно перед событием захвата, могут быть захвачены и рационально сохранены. Подобный алгоритм может

быть применен к аудиозаписям и другим данным сенсоров.

Фиг.5 иллюстрирует примерные показания 500 сенсора, относящиеся к событиям захвата изображения. Данные 502 представляют собой показания акселерометра, связанного с осью X с течением времени. Данные 504 представляют собой показания акселерометра, связанного с осью Y с течением времени. (Показания акселерометра на графике соответствуют углу. Например, в одной реализации сигнал акселерометра с нулевой амплитудой соответствует 0 градусам, сигнал акселерометра с амплитудой в 90 соответствует 90 градусам и так далее.) Данные 506 представляют собой показания сенсора уровня внешней освещенности. Данные 508 представляют собой захваты изображения, запускаемые детектированием условия захвата, за которым следует состояние стабильности.

Как показано в момент 510 времени, было детектировано условие захвата на основе сильного изменения в данных 506 уровня освещенности, за которым следует состояние стабильности, как следует из данных 502 и 504. В отличие от этого, в момент 512 времени, сильное изменение в данных 506 уровня освещенности представляет собой условие захвата, но захват изображения задерживается до момента 514 времени, когда детектируется состояние стабильности по отношению к данным 502 и 504. Посредством управления захватами описанным способом изображения избирательно захватываются на основе детектирования потенциально интересных событий, связанных с периодом стабильности.

Фиг.6 иллюстрирует изображение 600, захваченное через нормальный объектив, изображение 602, захваченное через объектив типа «рыбий глаз», и откорректированную версию 604 захваченного через объектив типа «рыбий глаз» изображения. С использованием коммерчески доступного программного обеспечения для редактирования изображений изображение, захваченное через объектив типа «рыбий глаз», может быть откорректировано для устранения радиальной дисторсии, созданной объективом типа «рыбий глаз». Объединение захвата изображений через объектив типа «рыбий глаз» с корректирующим программным обеспечением позволяет носителю захватывать максимальное количество окружающей обстановки и затем удалить радиальную дисторсию для получения относительно нормального изображения. Таким образом, использование объектива типа «рыбий глаз» особенно подходит для устройства для облегчения воспоминаний, которое захватывает изображения с относительно случайным выравниванием по отношению к окружающей обстановке.

Должно быть понятно, что множество данных может быть зарегистрировано и загружено в компьютерную систему для последующей обработки и/или анализа, для того чтобы восстановить события, произошедшие в недавнем прошлом носителя. Примерная выходная информация от устройства для облегчения воспоминаний может включать в себя без ограничений непрерывную аудиозапись; последовательность аудиоснимков; последовательность кадров; последовательность GPS-расположения, высоты и показаний направления; запись движения; запись внешней температуры; запись сердечного ритма; запись детектирования радиочастотных определений; запись обнаружений беспроводной сети.

Более того, в приложениях, предназначенных для облегчения восстановления памяти, может быть применена методика «Быстрых последовательных визуальных презентаций» (RSVP). RSVP представляет собой электронный эквивалент быстрого пролистывания книги, для того чтобы оценить ее содержимое, как описано в “Rapid Serial Visual Representation: A space-time trade-off in information presentation”, Oscar de

Bruijn and Robert Spence, <http://www.iis.ee.ic.ac.uk/~o.debruijn/avi2000.pdf>, May 2000. При использовании этой методики интерфейс пользователя, такой как устройство для облегчения воспоминаний или клиентская компьютерная система, на которую загружены захваченные данные, может быстро отобразить изображения в той последовательности, в которой они были захвачены, под прямым контролем пользователем различных факторов, включая без ограничений скорость, направление и количество одновременно отображаемых изображений. Такое отображение может быть скомбинировано с временно синхронизованным аудиопотоком, захваченным устройством для облегчения воспоминаний или другими зарегистрированными данными.

Производители не реализуют функциональность GPS в маленьких портативных цифровых камерах в настоящее время из-за высокого расхода заряда батарей. Акселерометр ADXL210 потребляет примерно 1/130 от мощности GPS приемника в рабочем режиме (как правило, 0.6 мА) и, таким образом, может быть использован как эффективный компонент управления питанием. В одной реализации акселерометр может быть использован как компонент управления питанием для GPS приемника. Так как интегральные схемы GPS приемника, как правило, используют высокие токи (например, 80 мА), батареи, питающие систему, могут быстро истощиться. При помощи периодических выборок движения, считанного акселерометром (например, каждую секунду или около того), GPS может выключаться, если не было перемещений, так как в этом случае не было изменений в GPS расположении. Если перемещение обнаружено акселерометром с низкой потребляемой мощностью, то GPS система может быть снова включена. Подобный механизм управления питанием может быть использован для выключения камеры, которая также имеет высокое энергопотребление. Сигналы от других сенсоров, таких как сенсоры уровня освещенности, могут быть использованы для энергосбережения. Например, нет необходимости в питании камеры в условиях полной темноты.

Реализации изобретения, описанные здесь, реализованы как логические этапы в одной или более компьютерных системах. Логические операции настоящего изобретения реализованы (1) в виде последовательности команд процессора, выполняемой в одной или более компьютерных системах и (2) в виде объединенных машинных модулей в одной или более компьютерных системах. Реализация есть предмет выбора, в зависимости от требований по производительности к компьютерной системе, реализующей изобретение. Соответственно логические операции, составляющие реализации описанного здесь изобретения, обозначаются различными именами как операции, этапы, объекты или модули.

Изложенное выше описание, примеры и данные обеспечивают полное раскрытие устройства и использование примерных осуществлений настоящего изобретения. Так как множество вариантов изобретения может быть сделано без выхода за пределы объема и сущности изобретения, изобретение раскрыто в прилагаемой формуле изобретения.

Формула изобретения

1. Портативное устройство для облегчения воспоминаний, сконфигурированное для ношения носителем, содержащее:
 - камеру; и
 - по меньшей мере, один акселерометр функционально соединенный с камерой, который запускает захват изображения камерой на основе обнаружения условия

захвата, за которым следует состояние стабильности, по меньшей мере, одним акселерометром, при этом, по меньшей мере, один акселерометр сконфигурирован с возможностью детектирования и условия захвата и состояния стабильности.

5 2. Портативное устройство для облегчения воспоминаний по п.1, которое также содержит сенсор окружающей среды, который отслеживает внешние условия для обнаружения условия захвата.

3. Портативное устройство для облегчения воспоминаний по п.1, которое также содержит схему аудиозаписи, записывающую внешние звуки, в зависимости от
10 обнаружения условия захвата.

4. Портативное устройство для облегчения воспоминаний по п.1, в котором камера включает в себя широкоугольный объектив.

5. Портативное устройство для облегчения воспоминаний по п.1, в котором камера включает в себя объектив типа «рыбий глаз».

15 6. Портативное устройство для облегчения воспоминаний по п.2, в котором обнаружение условия захвата включает в себя обнаружение изменения во внешней освещенности.

7. Портативное устройство для облегчения воспоминаний по п.2, в котором
20 обнаружение условия захвата включает в себя обнаружение изменения во внешнем звуке.

8. Портативное устройство для облегчения воспоминаний по п.2, в котором обнаружение условия захвата включает в себя обнаружение изменения во внешней температуре.

25 9. Портативное устройство для облегчения воспоминаний по п.1, в котором обнаружение условия захвата включает в себя обнаружение изменения в движении носителя.

10. Портативное устройство для облегчения воспоминаний по п.2, в котором
30 обнаружение условия захвата включает в себя обнаружение изменения в сердечном ритме носителя.

11. Портативное устройство для облегчения воспоминаний по п.1, в котором обнаружение состояния стабильности включает в себя детектирование сигнала от, по меньшей мере, одного акселерометра, показывающего, что ускорение камеры меньше
35 заданного порогового значения.

12. Портативное устройство для облегчения воспоминаний по п.1, в котором, по меньшей мере, один акселерометр содержит множество акселерометров, каждый акселерометр ориентирован для обнаружения ускорения вдоль различных осей, где
40 обнаружение состояния стабильности включает в себя детектирование сигнала от каждого акселерометра, показывающего, что ускорение камеры меньше заданного порогового значения по каждой оси.

13. Портативное устройство для облегчения воспоминаний по п.1, которое также содержит гироскоп, в котором обнаружение состояния стабильности включает в себя
45 детектирование сигнала от гироскопа, показывающего, что рыскание камеры меньше заданного порогового значения.

14. Портативное устройство для облегчения воспоминаний по п.2, в котором обнаружение условия захвата включает в себя обнаружение изменения во внешней освещенности и запуск захвата изображения задерживается на, по меньшей мере,
50 predetermined period of time after detection of the capture condition.

15. Портативное устройство для облегчения воспоминаний по п.2, в котором обнаружение условия захвата включает в себя обнаружение изменения в сигнале от

пассивного инфракрасного детектора, включаемого от тепла персоны, находящейся поблизости от устройства для облегчения воспоминаний.

16. Способ для облегчения воспоминаний, включающий в себя этапы, на которых:
наблюдают за ускорением камеры по, по меньшей мере, одной оси при помощи
5 акселерометра;

детектируют условие захвата, испытываемое камерой;

детектируют состояние стабильности, при помощи, по меньшей мере, одного
акселерометра вдоль, по меньшей мере, одной оси, в ответ на операцию обнаружения
10 условия захвата; и

запускают захват изображения камерой на основе обнаружения условия захвата, за
которым следует обнаружение состояния стабильности, при этом и условие захвата, и
состояние стабильности детектируют посредством, по меньшей мере, одного
акселерометра.

17. Способ по п.16, по которому этап обнаружения условия захвата включает в
себя отслеживание внешних условий при помощи сенсора окружающей среды для
обнаружения условия захвата.

18. Способ по п.16, который также включает в себя этап, на котором записывают
20 внешние звуки в зависимости от обнаружения условия захвата.

19. Способ по п.16, по которому камера включает в себя широкоугольный
объектив.

20. Способ по п.16, по которому камера включает в себя объектив типа «рыбий
глаз».

21. Способ по п.17, по которому этап обнаружения условия захвата включает в
себя обнаружение изменения во внешней освещенности.

22. Способ по п.17, по которому этап обнаружения условия захвата включает в
себя обнаружение изменения во внешнем звуке.

23. Способ по п.17, по которому этап обнаружения условия захвата включает в
себя обнаружение изменения во внешней температуре.

24. Способ по п.16, по которому этап обнаружения условия захвата включает в
себя обнаружение изменения в движении носителя.

25. Способ по п.17, по которому этап обнаружения условия захвата включает в
себя обнаружение изменения в сердечном ритме носителя.

26. Способ по п.16, по которому этап обнаружения состояния стабильности
включает в себя детектирование сигнала от, по меньшей мере, одного акселерометра,
показывающего, что ускорение камеры меньше заданного порогового значения.

27. Способ по п.16, по которому этап обнаружения состояния стабильности
включает в себя,

детектирование сигнала от гироскопа, показывающего, что рыскание камеры
меньше заданного порогового значения.

28. Способ по п.17, по которому этап обнаружения условия захвата включает в
себя обнаружение изменения во внешней освещенности и запуск захвата изображения
задерживается на, по меньшей мере, predetermined период времени после
обнаружения условия захвата.

29. Способ по п.16, который также включает в себя этап, на котором
просматривают последовательность множества захваченных изображений,
50 загруженных с портативного устройства для облегчения воспоминаний.

30. Машиночитаемый носитель, имеющий инструкции, хранящиеся на нем, которые
при исполнении компьютером побуждают его выполнять способ для облегчения

воспоминаний, включающий в себя этапы, на которых:

наблюдают за ускорением камеры по, по меньшей мере, одной оси при помощи акселерометра;

5 детектируют условие захвата, испытываемое камерой;

детектируют состояние стабильности, при помощи, по меньшей мере, одного акселерометра вдоль, по меньшей мере, одной оси, в ответ на операцию обнаружения условия захвата; и

10 запускают захват изображения камерой на основе обнаружения условия захвата, за которым следует обнаружение состояния стабильности, при этом и условие захвата, и состояние стабильности детектируют посредством, по меньшей мере, одного акселерометра.

31. Цифровой медиаплеер, сконфигурированный для ношения носителем, содержащий камеру; и

15 по меньшей мере, один акселерометр, функционально соединенный с камерой, акселерометр запускает захват изображения камерой на основе обнаружения условия захвата, за которым следует состояние стабильности, по меньшей мере, одним акселерометром, при этом, по меньшей мере, один акселерометр детектирует и условие

20 захвата и состояние стабильности.

32. Портативное устройство для облегчения воспоминаний, сконфигурированное для ношения носителем, содержащее:

камеру; и

25 по меньшей мере, один акселерометр, функционально соединенный с камерой, запускает захват изображения камерой на основе обнаружения состояния стабильности, по меньшей мере, одним акселерометром, при этом, по меньшей мере, один акселерометр детектирует и условие захвата и состояние стабильности; и

30 память, поддерживающую сохранение изображения, в ответ на запуск захвата изображения, если условие захвата обнаружено в пределах небольшого временного интервала после захвата; память удаляет сохраненное изображение, если условие захвата не обнаружено в предопределенный временной интервал после захвата.

33. Портативное устройство для облегчения воспоминаний по п.32, в котором изображение есть одно изображение из видеопоследовательности.

35 34. Портативное устройство для облегчения воспоминаний по п.32, которое также содержит:

схему аудиозаписи, записывающую внешние звуки, в котором память также поддерживает сохранение записанных внешних звуков, если условие захвата

40 обнаружено в пределах небольшого временного интервала после захвата;

память удаляет сохраненные записанные внешние звуки, если условие захвата не обнаружено в предопределенный временной интервал после захвата.

35. Способ для облегчения воспоминаний, включающий в себя этапы, на которых:

45 наблюдают за ускорением камеры вдоль, по меньшей мере, одной оси при помощи, по меньшей мере, одного акселерометра;

детектируют состояние стабильности при помощи, по меньшей мере, одного акселерометра вдоль, по меньшей мере, одной оси;

50 запускают захват изображения камерой в память на основе обнаружения состояния стабильности, при этом и условие захвата, и состояние стабильности детектируют посредством, по меньшей мере, одного акселерометра; и удаляют изображение из памяти, если условие захвата не обнаружено в предопределенный временной интервал после захвата.

36. Способ по п.35, по которому изображение есть одно изображение из видеопоследовательности.

37. Способ по п.35, который также включает в себя этапы, на которых: записывают внешние звуки в память; и

удаляют записанные внешние звуки, если условие захвата не обнаружено в предопределенный временной интервал после захвата.

38. Машиночитаемый носитель, имеющий инструкции, хранящиеся на нем, которые при исполнении компьютером побуждают его выполнять способ для облегчения воспоминаний, включающий в себя этапы, на которых:

наблюдают за ускорением камеры вдоль, по меньшей мере, одной оси при помощи, по меньшей мере, одного акселерометра;

детектируют состояние стабильности при помощи, по меньшей мере, одного акселерометра вдоль, по меньшей мере, одной оси;

запускают захват изображения камерой в память на основе обнаружения состояния стабильности, при этом и условие захвата, и состояние стабильности детектируют посредством, по меньшей мере, одного акселерометра; и

удаляют изображение из памяти, если условие захвата не обнаружено в предопределенный временной интервал после захвата.

39. Машиночитаемый носитель по п.38, в котором изображение есть одно изображение из видеопоследовательности.

40. Машиночитаемый носитель по п.38, в котором компьютерный процесс также включает в себя:

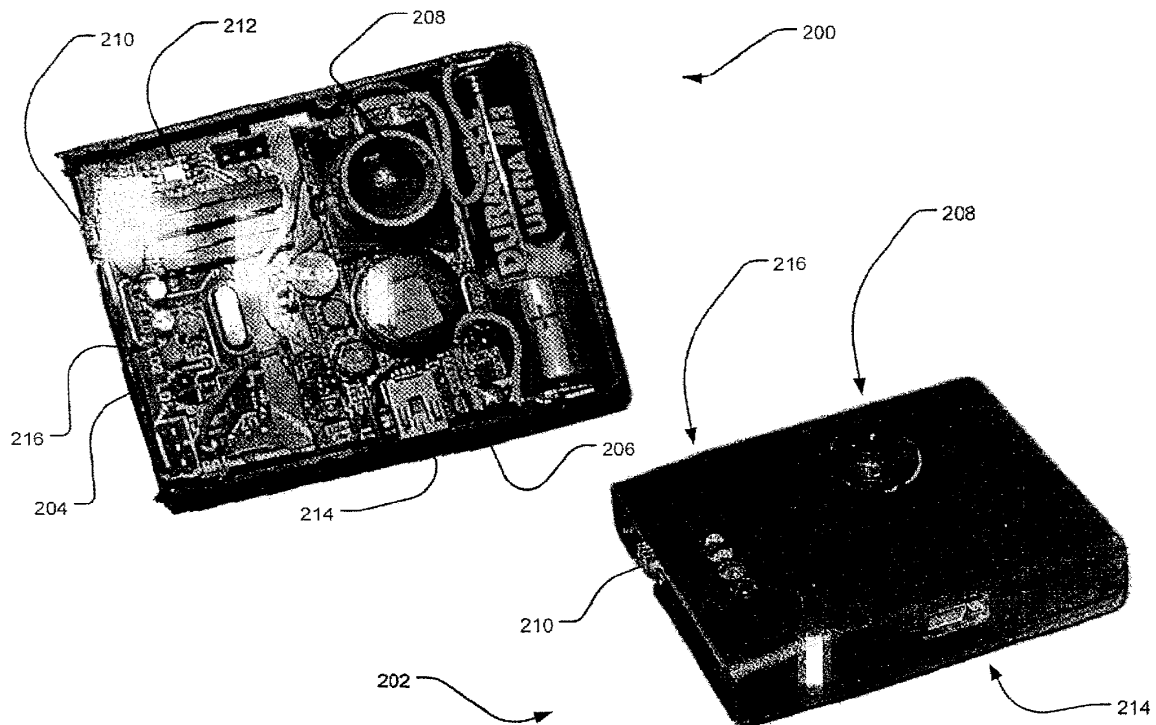
запись внешних звуков в память; и

удаление записанных внешних звуков, если условие захвата не обнаружено в предопределенный временной интервал после захвата.

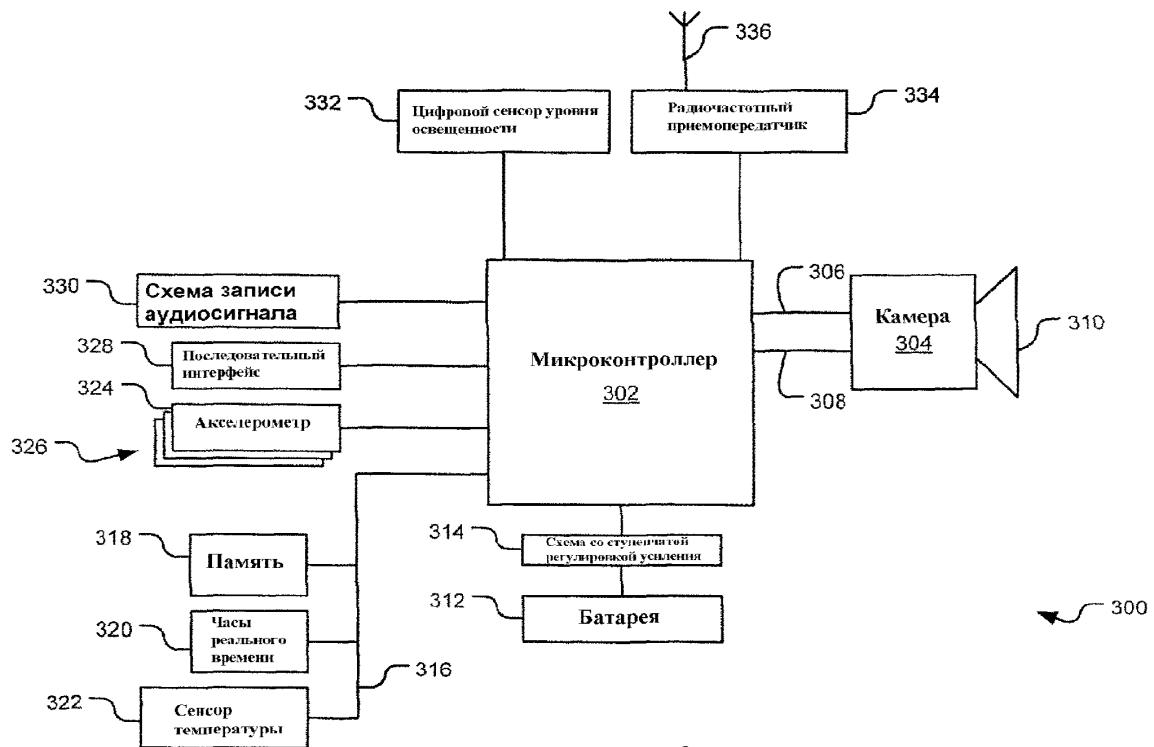
41. Цифровой медиаплеер, сконфигурированный для ношения носителем, содержащий камеру; и

по меньшей мере, один акселерометр, функционально соединенный с камерой, акселерометр запускает захват изображения камерой на основе обнаружения состояния стабильности, по меньшей мере, одним акселерометром, при этом, по меньшей мере, один акселерометр детектирует и условие захвата и состояние стабильности; и

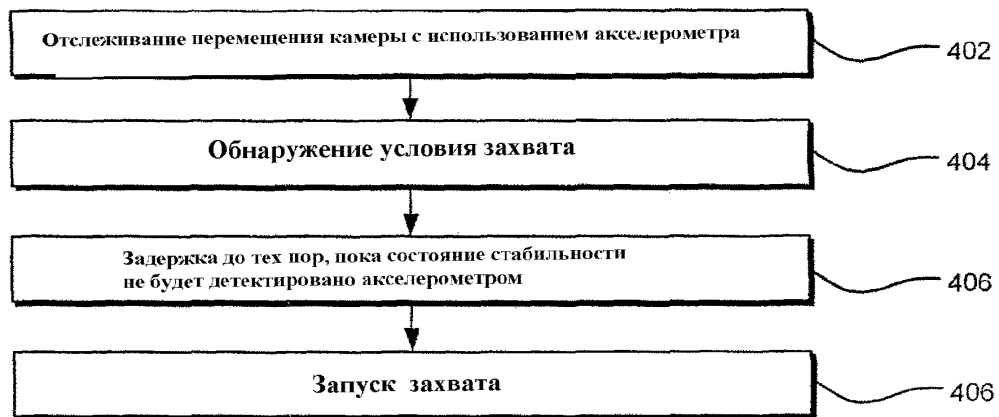
память, поддерживающую сохранение изображения, в ответ на запуск захвата изображения, если условие захвата обнаружено в пределах небольшого временного интервала после захвата; память удаляет сохраненное изображение, если условие захвата не обнаружено в предопределенный временной интервал после захвата.



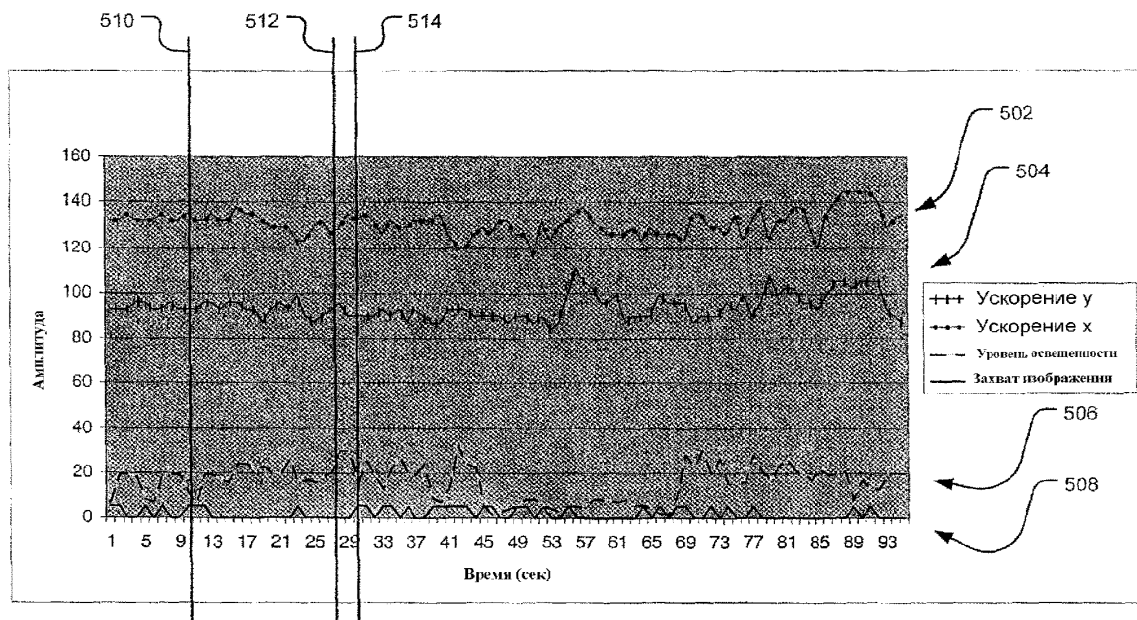
Фиг. 2



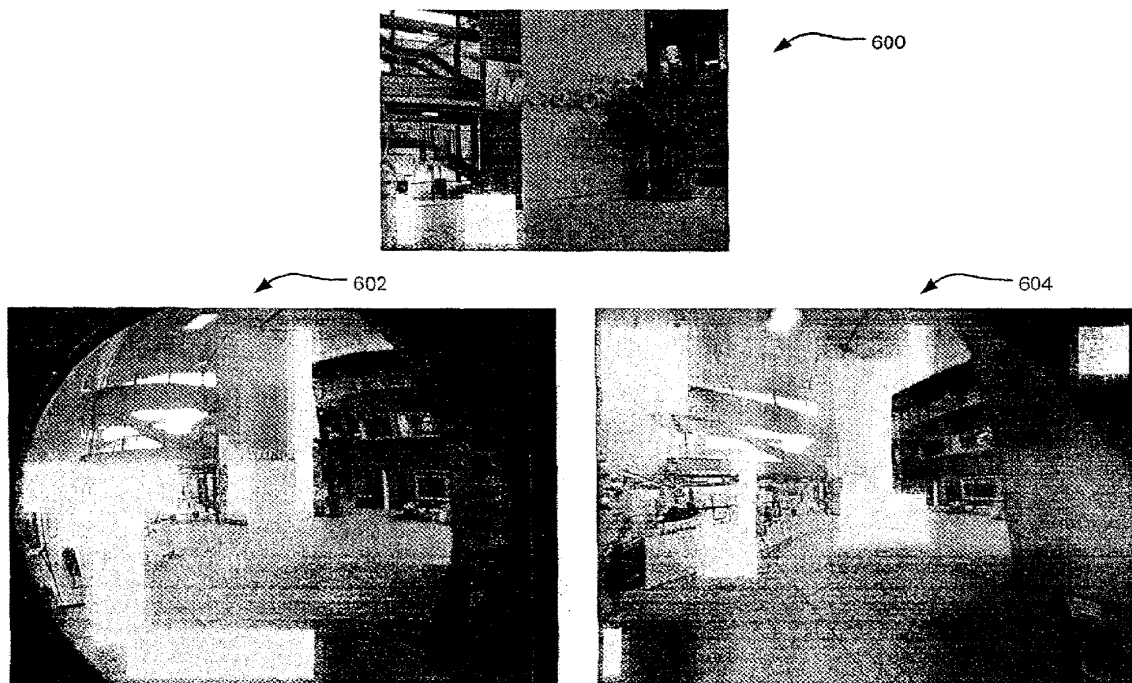
Фиг. 3



Фиг. 4



Фиг. 5



Фиг. 6

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(71) Applicant(s):
Nicolas Bischoff
9 Mendora Road, London, SW6 7ND, United Kingdom

(72) Inventor(s):
Nicolas Bischoff

(74) Agent and/or Address for Service:
ip21 Ltd
Central Formalities Department, Lakeside 300,
Old Chapel Way, Broadland Business Park,
NORWICH, Norfolk, NR7 0WG, United Kingdom

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US 7714704 B1

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(54) Title of the Invention: **Rider safety system**
Abstract Title: **Rider rear view and lighting system**

(57) A rider safety system suitable for use with a bicycle or the like, comprises a first unit 3 for mounting in a position where the unit is visible by a rider, and at least one second unit 4 located remotely from said first unit 3; said first unit 3 and said second unit 4 comprising respective communication modules for wirelessly communicating signals between said first 3 and second 4 units; wherein said second unit 4 incorporates a camera 9 for capturing images; said communication module being configured to transmit images from said second unit 4 to said first unit 3. The second unit 4 may be incorporated into or attached to an item of clothing 5, or protective equipment such as a helmet (17, figure 3). The first unit 3 may be a screen for displaying an image from the camera 9 in real-time. Images from the camera 9 may be stored in either unit or in a remote unit, by means of a mobile telephone network. The second unit 4 may also comprise lighting means 7,8. The lighting means 7,8 may be controlled by the first unit dependent on ambient conditions or a detected location. The first unit 3 may incorporate a navigation system.

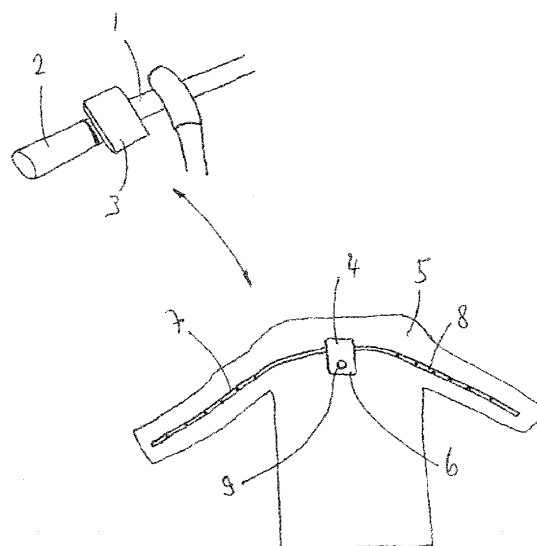


FIG. 1

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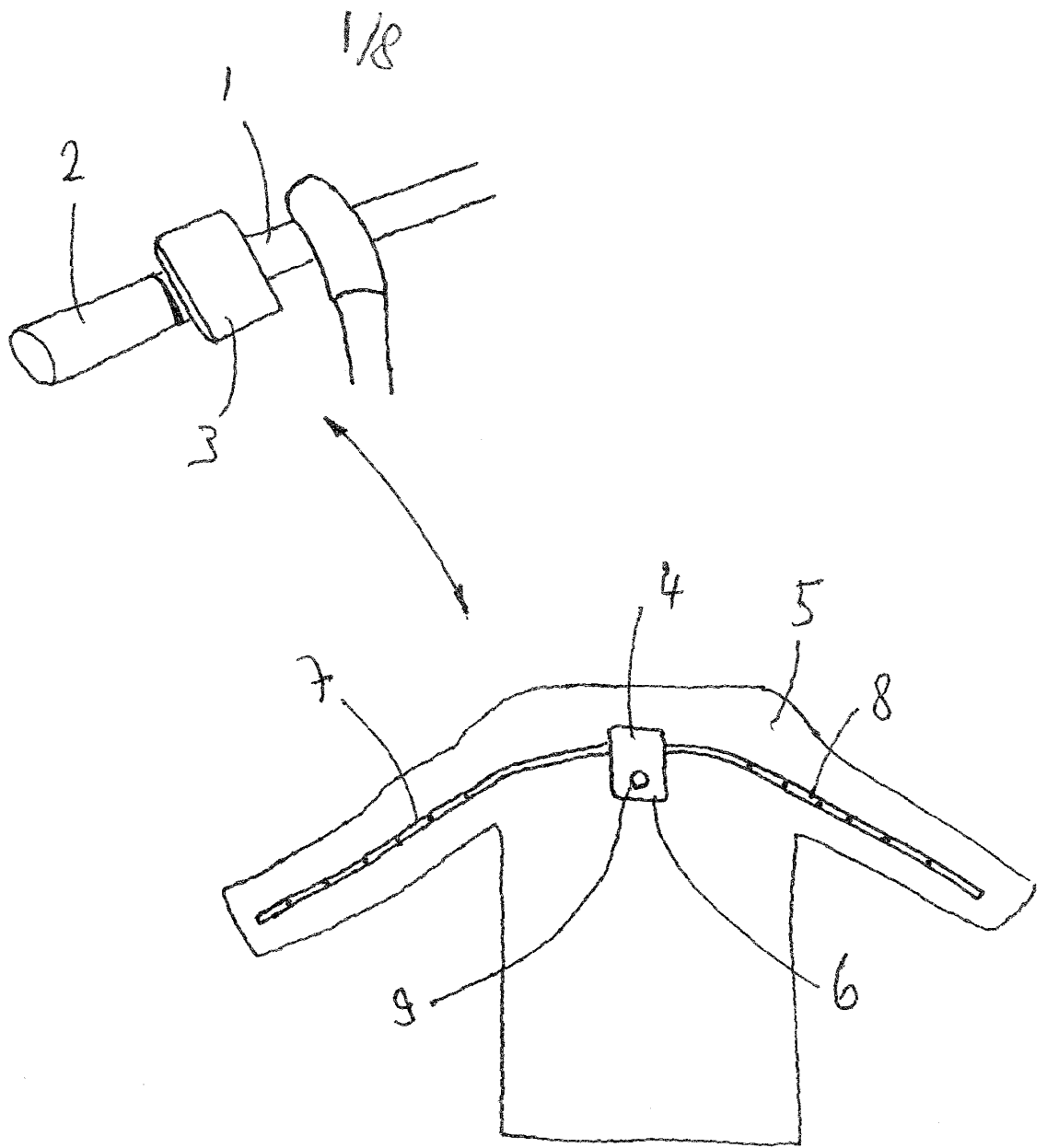


FIG. 1

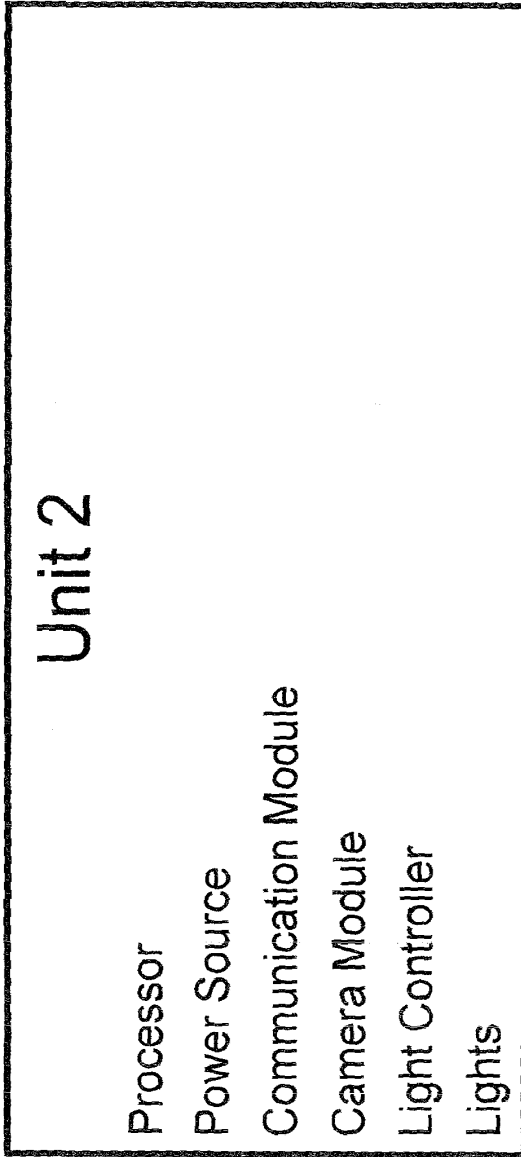
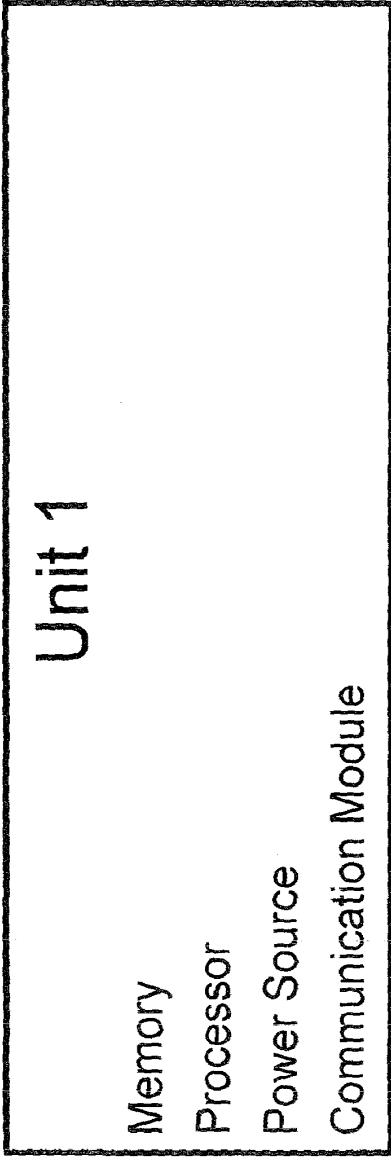
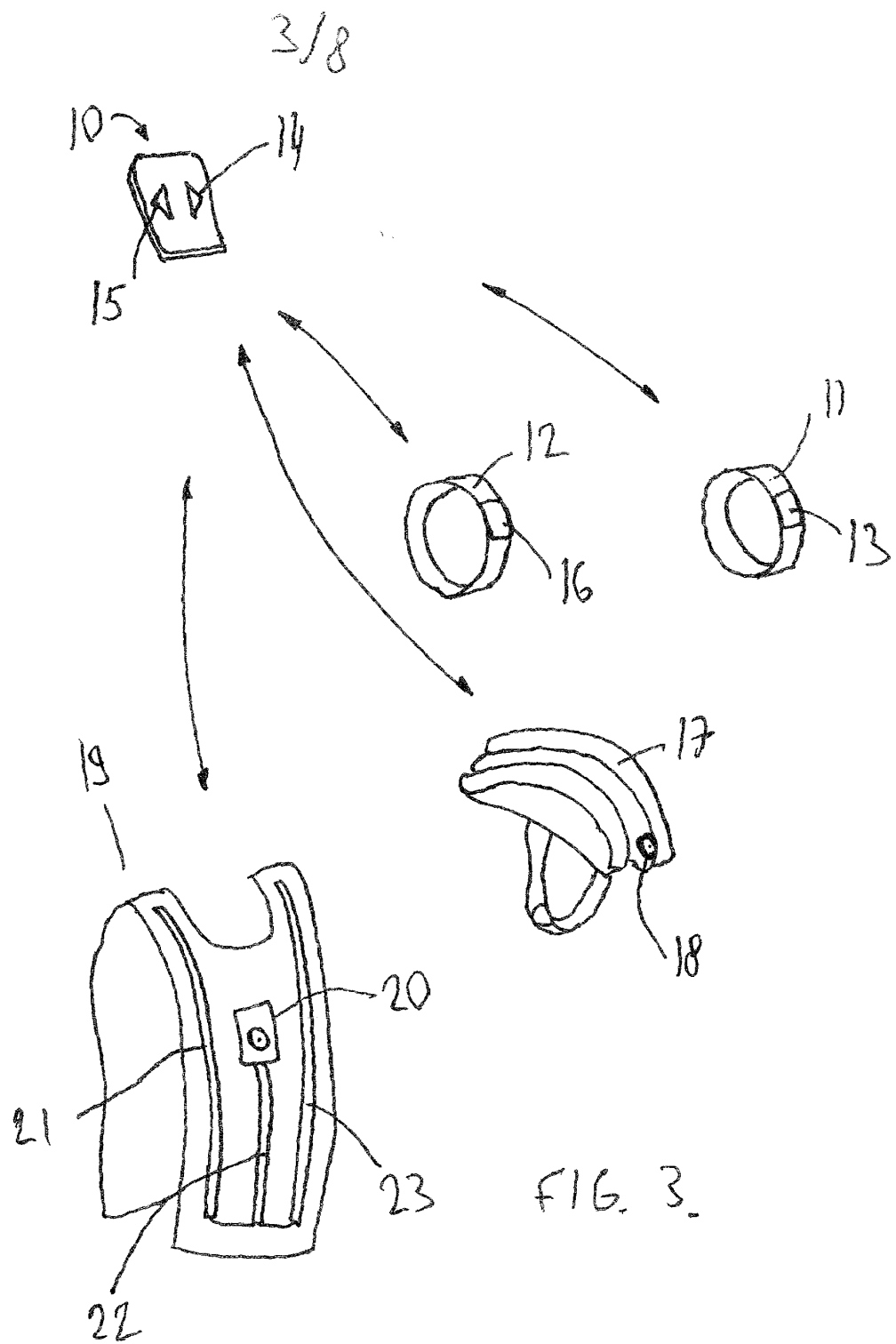


FIG 2

2/8



4/8

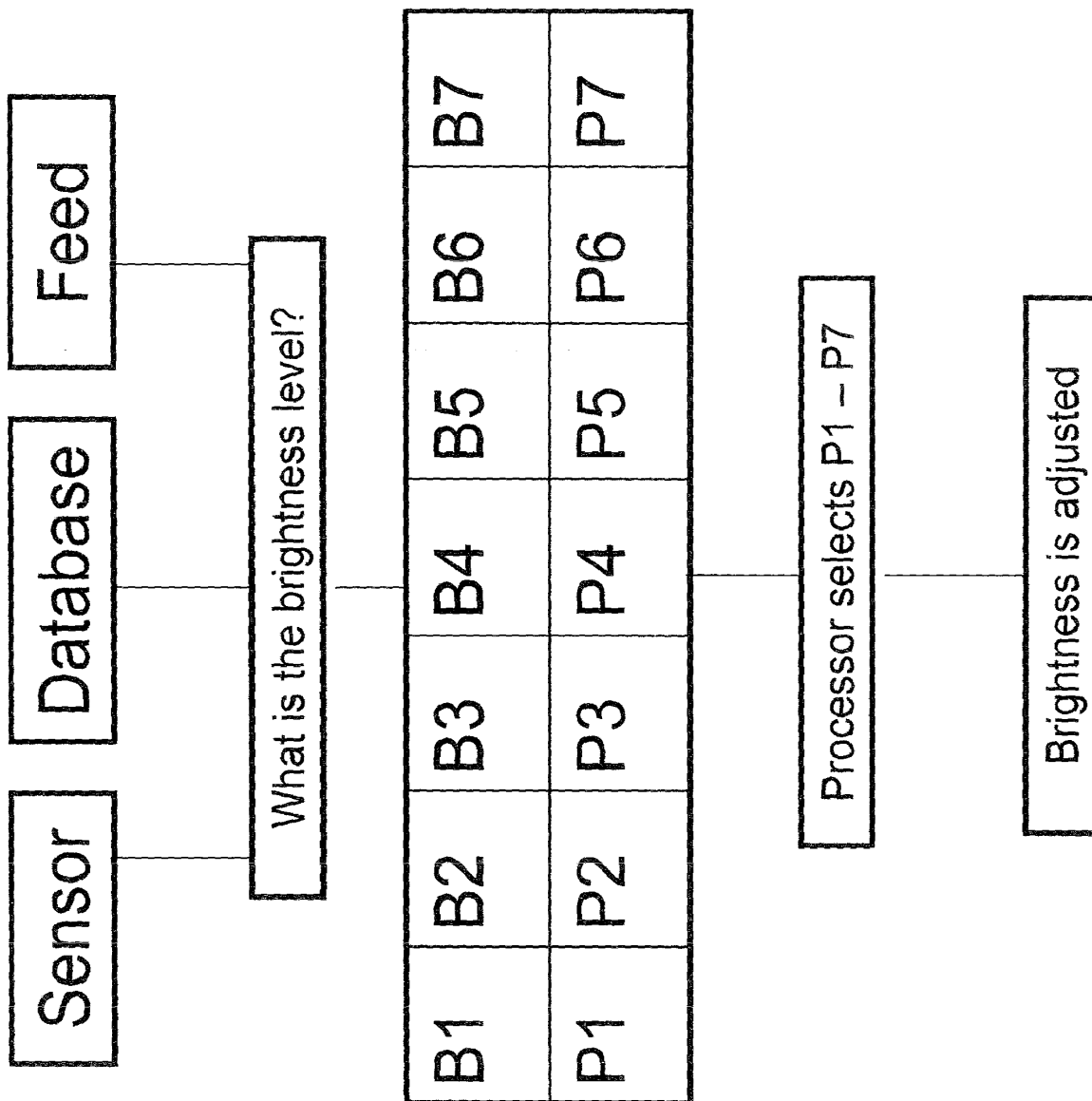


FIG 4

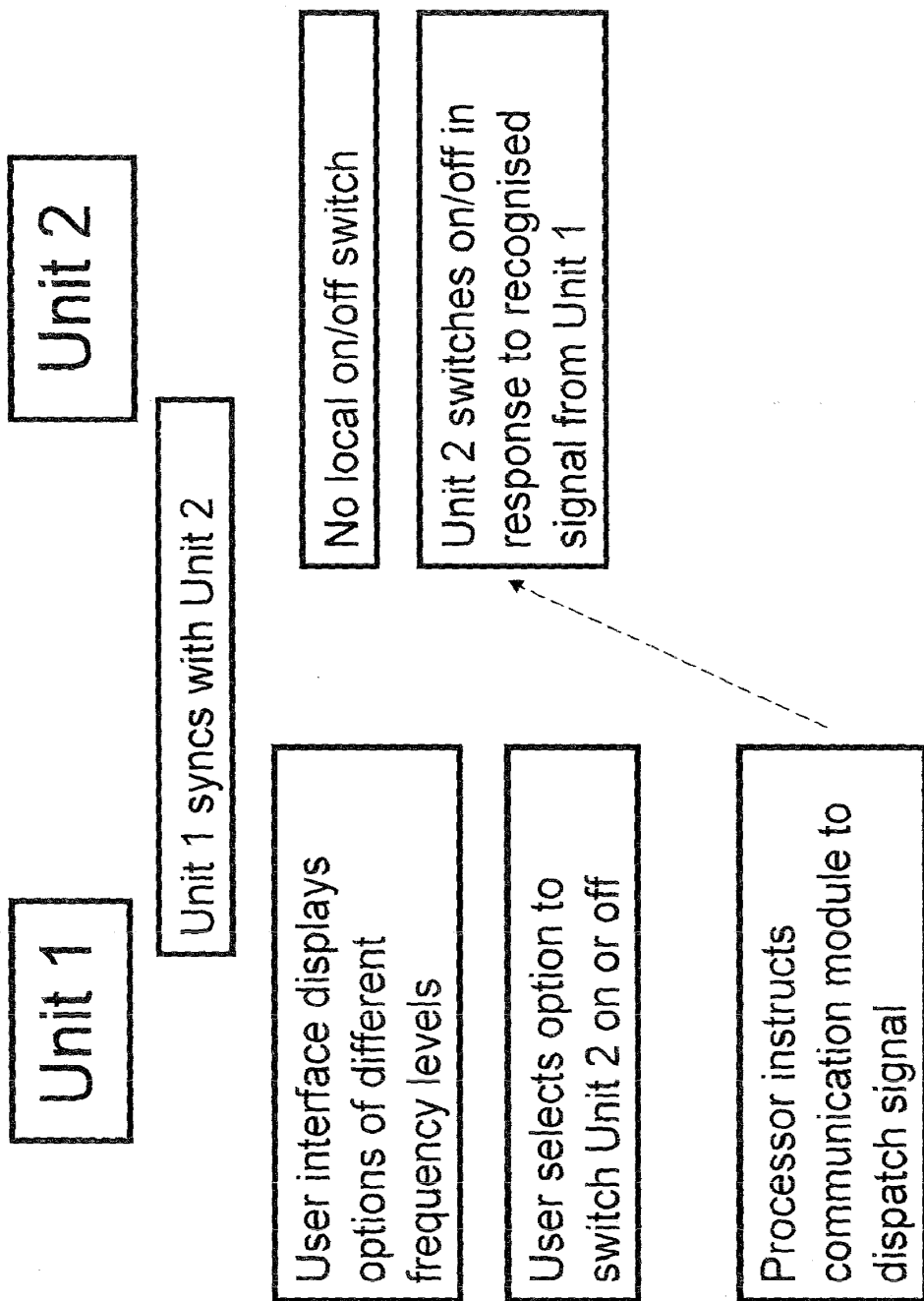


FIG 5

Unit 1

Unit 2

Unit 1 Syncs with Unit 2

User interface displays options of sending images via a mobile network

User selects from available network options e.g. 3G

User interface displays options of camera switch on/off

User selects option of camera on/off

Processor instructs communication module 1 to dispatch instructions

Processor instructs communication module 1 to dispatch image via mobile network

Processor switches camera on/off

Communication module 2 dispatches images to communication module 1

FIG 6

6/8

Unit 1

Unit 2

Unit 1 Syncs with Unit 2

User interface displays maps

User interface displays instructions

User interface displays location of unit 1 or unit 2 on map

User interface displays option to send indicator light signal

Processor instructs communication module 1 to dispatch signal containing instruction of mode indicator light signal

Processor instructs communication module 1 to dispatch signal containing instruction to switch off indicator light depend on location change detected

Processor instructs an indicator light to flash on/off dependent on signal received

FIG 7

7/8

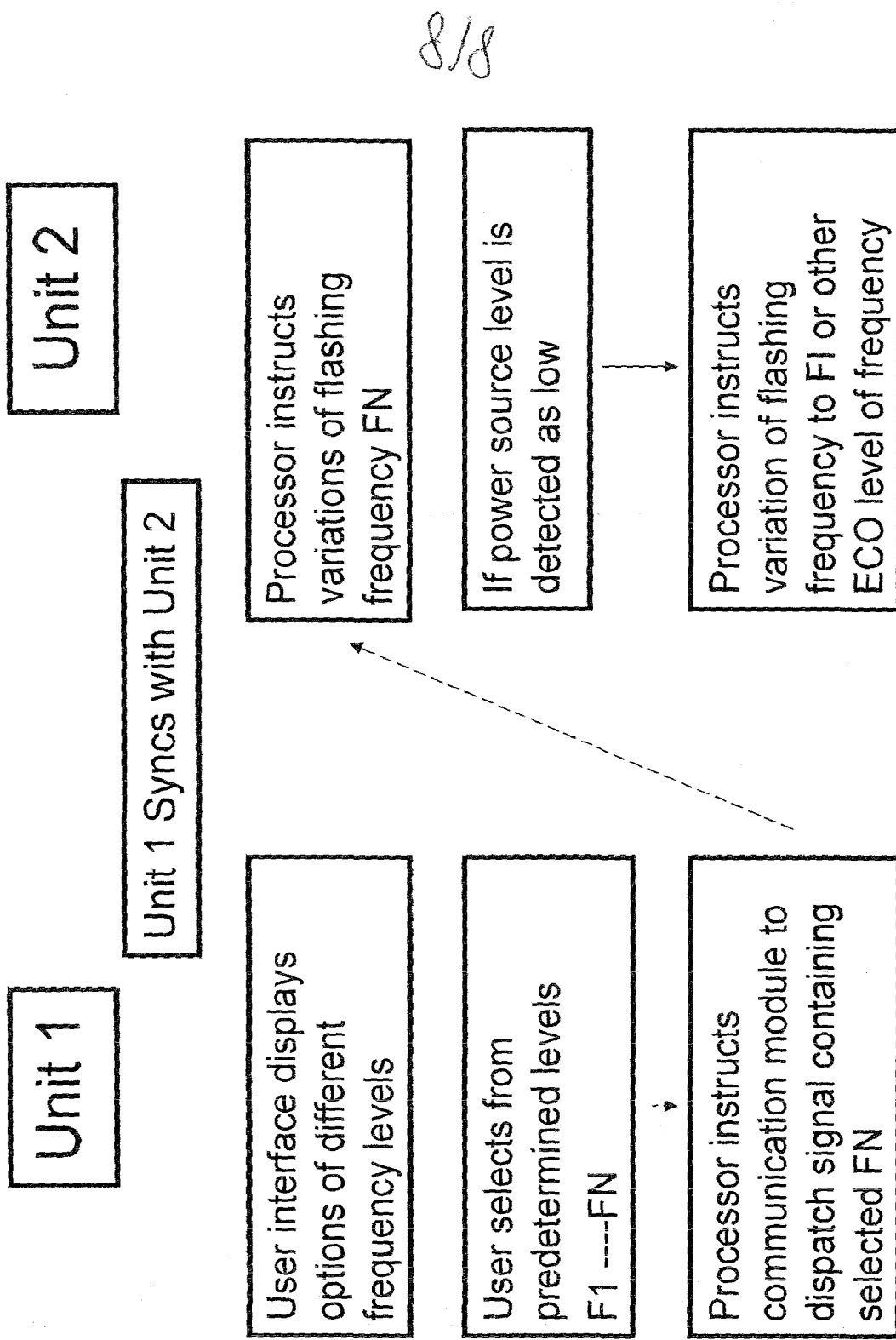


FIG 8

5

- 1 -

10

Rider Safety System

15

Brief Description of the Figures

The invention relates to rider safety systems suitable for use with a bicycle or the like.

Whilst the specification describes the invention with regard to a bicycle implementation,

20 the invention applies to other vehicles or modes of transportation where a rider is directly visible and/or is left exposed during travel. Therefore, the rider safety system may be applicable for bicycle riding, skateboarding, skiing, snowboarding, motorcycling, waterskiing, quad driving, rollerblading, and/or skating.

25

Background to the Invention

Controllers on the bicycle handlebars and in particular on motorcycle handlebars are very

well known. Most controllers of this kind are directly wired to a light. It has also been

envisaged to wirelessly control lights between a handlebar module and a stop light

30 module. The following drawbacks have been identified in known prior art:

- They provide no assistance in increasing the rider's ability to assess and view hazards other than those immediately in his /her conventional field of vision;
- They provide no record of these hazards;
- 35 ▪ They are preventative up to a limited extent;
- They are fully integrated into a vehicle or a structure permanently secured to the vehicle;

- The functionality of any lighting system does not vary let alone automatically vary during a displacement of a rider on the road;
- They often require specific constructions to correspond to a particular vehicle rather than being readily retrofitted;
- 5 ▪ They are primarily designed for a single operating platform;
- They also waste excessive power relative to their functionality.

Summary of the Invention

10 In a first broad independent aspect, the invention provides a rider safety system suitable for use with a bicycle or the like, comprising a first unit for mounting in a position where the unit is visible by a rider, and at least one second unit located remotely from said first unit; said first unit and said second unit comprising respective communication modules for wirelessly communicating signals between said first and second units; wherein said second
15 unit incorporates a camera for capturing images; said communication module of said second unit being configured to transmit images from said second unit to said first unit.

This configuration is particularly advantageous because it allows a user to view behind him/her without having to turn his/her head from his/her conventional forward facing
20 position. It also reverses conventional thinking because signals are sent from the second unit to the first unit.

In a subsidiary aspect in accordance with the first broad independent aspect, said second unit is integrated into an article of clothing and/or an article of rider protection. This
25 allows the second unit to be removed from the bicycle with which the system might be used. It therefore avoids having to leave the second unit secured to the bicycle. Furthermore, it allows such units to be relatively compact since there is no need to incorporate relatively large clamps for attachment of a unit to a bicycle frame.

30 In a further subsidiary aspect, said second unit incorporates releasable fasteners for releasably fastening said unit to an article of clothing and/or an article of rider protection. This configuration is particularly advantageous because it allows the second unit to be removed from an article of clothing when for example the article of clothing requires cleaning.

In a further subsidiary aspect, said first unit and/or said second unit incorporates a memory for storing images captured by said camera. The storing of images may be particularly beneficial in order to determine the cause of a particular accident. It may also allow the safety system to be used for the protection of a user when the stored data is subjected to analysis.

In a further subsidiary aspect, said second unit incorporates one or more lights. This configuration is particularly advantageous because it would allow the recording of images even in relatively obscure environments. It would also increase the visibility of a user and his/her corresponding article of clothing.

In a further subsidiary aspect, said lights are in the form of one or more elongate strips of lights. This may for example be particularly beneficial when these are relatively flexible strips since they may be placed along the arm of an article of clothing without forming a barrier or a restriction to the conventional movement of a user's arm.

In a further subsidiary aspect, said elongate strips of lights are attached, in use, to an article of clothing incorporating a sleeve; said elongate strip being located at a rearward location of the sleeve of said article as a user outstretches his/her arms laterally. This is particularly advantageous in terms of visibility and would also be particularly advantageous when in the form of indicator lights as these would highlight an area of a user's body which is generally associated with the intention of turning into a particular street.

In a further subsidiary aspect, said first unit incorporates a screen and processing means for processing said received images for display in real time. This embodiment is particularly advantageous because it allows a user to keep his/her eyes on the road ahead whilst seeing within his/her field of vision any hazards which may be approaching from behind.

In a further subsidiary aspect, said first unit incorporates a touch sensitive screen. This configuration would be particularly advantageous since it would allow the system to be operated from a currently available platform.

In a further subsidiary aspect, said first unit incorporates processing means which are configured to display regions which when touched cause a pre-determined kind of control signal to be sent to said second unit. This allows the system to be controlled in an approved manner. This also would increase the hygiene as these kind of display systems
5 can be readily cleaned compared to an arrangement of protruding regions as would be potentially envisaged in prior art control systems.

In a further subsidiary aspect, said second unit incorporates a light and said first unit is configured to dispatch a signal to said second unit; said second unit incorporating means
10 for varying the brightness in response to a signal received from said first unit with instructions to vary the brightness of a pre-determined light. This configuration is particularly advantageous because it will allow variation of the brightness and therefore a potential economy of power consumed by the second unit. It would also allow the second unit to be used in extreme weather conditions such as dense fog or heavy rain. It also
15 reverses conventional thinking because the control needn't be integrated in the second unit. It would therefore potentially prevent theft if the second unit can only operate with an appropriate configured first unit.

In a further subsidiary aspect, said first unit and/or said second unit are configured so that
20 dependent upon the time of day, and/or dependent upon remotely stored recommended brightness levels for predicted riding conditions, and/or measured environmental levels of natural light, the system instructs the variation of the brightness of a pre-determined light. This configuration allows the brightness level to be scientifically controlled rather than manually controlled by an operator.

25 In a further subsidiary aspect, said second unit incorporates light and said first unit is configured to dispatch a signal to said second unit; said second unit incorporating means for switching said light ON and/or OFF in response to a signal received from said first unit with instructions to switch said light ON and/or OFF. This configuration is particularly
30 advantageous since it allows the switching to be controlled remotely. Therefore in one particularly advantageous embodiment no control system is incorporated in the second unit which would therefore act as a deterrent against theft.

In a further subsidiary aspect, said second unit incorporates a light and said first unit is configured to dispatch a signal to said second unit; said second unit incorporating means for switching said light ON and/or OFF at a pre-determined frequency in response to a signal received from said first unit with instructions to switch said light ON and/or OFF at a pre-determined frequency. This allows the system to be adaptable for various modes of operation. It for example facilitates an eco-mode of operation.

In a further subsidiary aspect, said first unit incorporates a communication module which dispatches signals and/or receives signals to and/or from a mobile network. This configuration is particularly advantageous because it will allow local data to be potentially streamed onto a screen on the first unit. It would also allow video and/or images captured to be dispatched from the first unit.

In a further subsidiary aspect, said first unit incorporates a communication module which dispatches signals representative of video for remote storage in a remotely located further unit. This configuration is particularly advantageous because it reduces the memory requirements of the units.

In a further subsidiary aspect, said first unit incorporates a navigation system for displaying maps and instructions to assist a rider to arrive at a particular destination; and said first unit automatically dispatches control instructions to said second unit dependent upon instructions issued by said navigation system. This configuration is particularly advantageous because it would allow appropriate signalling to take place to advise other road users in view of the travelling rider without the risk of a rider forgetting to signal.

Brief description of the figures

Figure 1 shows part of a bicycle handle incorporating a first unit and a coat, jacket, or vest incorporating a second unit.

Figure 2 shows a block diagram of unit 1 and unit 2.

Figure 3 shows a system with a number of different peripheral devices.

Figure 4 shows a flow diagram of a brightness adjustment protocol.

Figure 5 shows a mode of operation of a system.

5 Figure 6 shows a further mode of operation of a system.

Figure 7 shows a further mode of operation of a system.

Figure 8 shows a further mode of operation of a system.

10

Detailed Description of the Figures

Figure 1 shows part of a bicycle's handlebar 1 with a portion 2 for receiving the rider's grip.

15 A PDA (personal digital assistant) such as an I-phone (registered trademark) is secured on the handlebar at an angle which allows the rider when sitting on the saddle (not shown) of the bicycle to view information displayed on the screen. PDA 3 may incorporate the components of unit 1 as shown in figure 2. It may for example incorporate primarily a processor, a power source and a communication module. Optionally, a memory is also
20 provided as part of unit 1. The communication module may incorporate a blue tooth chip to facilitate two-way communication between unit 1 and unit 2 which may be incorporated as a portion 4 of a jacket or other article of clothing 5. Portion 4 incorporates a housing 6 which may fit in a correspondingly sized recess provided in the jacket. Extending in opposite directions from housing 6 are two elongate strips of light generally
25 referenced 7 and 8.

The strips may incorporate a series of light emitting diodes (LEDs). These may for example be entirely and/or partly embedded into a strip of plastics material. The control system may cause either the simultaneous or sequential lighting of individual light emitting
30 diodes. The combination of plastics covering and the colour of the LEDs allow these to be of a particular colour. In the location shown in this figure, the light emitting diodes located at the rear of the jacket and at the distal extremities of the sleeves may for example be of a different colour as compared to those provided in close proximity to the housing 6. This would for example allow the LEDs located at the distal extremities of the sleeves to be

seen as an orange light whilst those located in close proximity to the housing may be seen as a red light. The light emitting diodes located in close proximity to the housing may be of the kind which are permanently switched ON whilst the LEDs located at the distal extremities of the sleeves may be only occasionally switched ON dependent upon the

5 mode of operation selected by the rider. The material of the strip of lights may be of a kind which allows a user to readily bend his/her elbow. In a further improvement of the invention, the orange lights may switch on dependent upon whether the strip changes from a bent configuration to a straight configuration. This may be achieved by any appropriate switching means. A gyroscopic position sensor might be preferably used to

10 sense the position of the rider's arm. Alternatively, a mercury switch, a capacitive, an inductive, and/or a magnetic position sensor might be employed to sense the position and cause a controller to vary the lighting conditions in accordance with the detected position. The controller would be configured to select the lighting options from predetermined options.

15 As shown in figure 2, the housing 4 may incorporate unit 2 which may comprise a processor, a power source, a communication module, a camera module, a light controller and a number of lights. A camera lens 9 may be placed as part of housing 6. The camera module may alternatively be connected to a camera lens located remotely from housing 6.

20 The camera lens may for example be secured by a clip onto a component such as the saddle of the bicycle.

Figure 3 shows a touch screen 10 which may be in wireless communication with a plurality of peripheral devices. Each peripheral device may incorporate some if not all the

25 components of unit 2 as described with reference to figure 2. A particularly preferred configuration of a peripheral device can take the form of a wrist or arm band such as arm bands 11 and 12. Arm band 11 incorporates for example a lighting unit 13 which may be designed to incorporate a communication module which responds to a signal sent from touch screen 10 for switching on lighting unit 13. The touch screen as shown displays

30 arrows 14 and 15 which when pressed cause the dispatch of a signal which will only trigger the switching ON of the lighting unit which is appropriately synchronised. For example, as a rider presses on arrow 14, a Blue Tooth signal is sent which causes the processor and communication module of lighting unit 13 to operate in conjunction to awake from a dormant state to cause the lights to light up. Even though the lighting unit 16 provided on

arm band 12 would be capable of receiving the signal destined to lighting unit 13, the processor would be configured only to respond to a signal appropriately encoded for lighting unit 16.

- 5 Instead of or in addition to the arm bands 11 and 12, the invention also envisages in a particular embodiment the use of a helmet 17 which would be equipped with a rear viewing camera module 18. In this embodiment, unit 2 may be incorporated into the helmet 17.
- 10 Instead of or in addition to the previous peripheral devices, a tabard generally referenced 19 may be employed with a unit 20 which may incorporate all the components of unit 2 of figure 2. A plurality of lighting strips 21, 22 and 23 has been provided. Lighting strips 21 and 23 may be configured to flash on/off in response to an instruction specific to the lighting strip. For example, if the rider exerts pressure on display portion 15 of touch
- 15 screen 10, lighting strip 21 would light up.

Figure 4 shows a further embodiment of the invention in which a method of control of the brightness of the lighting units of unit 2 is proposed. The control method may be implemented by partly employing unit 1 and unit 2 or by employing one of the two units

- 20 only. The processor of either of the units may be configured to assess the level of brightness. The processor may query the current level of brightness by interrogating one or more of a number of potential individual resources. In an embodiment, a sensor may be provided as part of a unit which may sense the level of luminosity surrounding the unit. The unit may store in a database or in a local memory bank a plurality of pre-set power
- 25 levels P1 to P7 which correspond to pre-determined ranges of brightness or brightness levels B1 to B7. Once the system determines, the level of power which would be most suited for a particular level of brightness, one of the units causes the brightness to be adjusted. In practise this may occur by one of the units dispatching a signal to the second unit to adjust the brightness level. Instead of necessarily incorporating a sensor in one of
- 30 the units a database or a news feed may be employed to determine dependent upon the location sensed of the rider information pertaining to the likely brightness in a given location. This may provide a suggestion as to a particular recommended power level which a rider may either accept or reject.

Figure 5 shows the interaction between unit 1 and unit 2 in accordance with a particularly inventive embodiment of the invention. In this embodiment, unit 2 incorporates no local on/off switch at all. In order to switch unit 2 ON it is necessary to initially perform a synchronisation routine which is usually triggered by selecting the synchronisation option
5 in unit 1.

In addition to this embodiment, the system may be configured to display in a user interface such as a touch screen options of different frequency levels. This would allow the user to select the option to switch unit 2 ON or OFF. Once the selections of the
10 frequency levels or the on/off option are completed, the processor may be configured to instruct his communication module to dispatch an appropriate signal. When the unit 2 receives the signal it configures the mode of operation by either simply switching the lighting units on/off or by switching repeatedly the lighting unit on/off if a particular frequency level is selected by the user.

Figure 6 shows an alternative method of operation between unit 2 and unit 1. In order to initialise the operation, the rider selects the synchronisation module of unit 1. The rider then navigates to a user interface which displays options of sending images via a mobile network. The user then selects from available network options for example 3G. The rider
20 may also navigate to a user interface displaying options of switching on/off the camera module of unit 2. By selecting the option of the camera being switched on/off, the processor instructs the communication module 1 to dispatch received images via a mobile network. Once the user selects the option of the camera on/off, the processor instructs the communication module 1 to dispatch an instruction to unit 2. The processor of unit 2
25 switches the camera on/off dependent upon the instruction received. If the camera is switched on, the communication module 2 dispatches images to communication module 1. Once images are received and the user has selected to send images via a mobile network, the processor of unit 1 instructs communication module 1 to dispatch images via a mobile network.

Figure 7 shows a further embodiment of the operation of the first and second units. In this embodiment, a user initially synchronises unit 1 with unit 2. The user then navigates to an interface which displays maps. The user interface may display instructions in terms of driving instructions such as take the next left. In this instance, the user interface may also
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display a location of unit 1 or unit 2 on the map so that the user may understand his position relative to his destination. In one embodiment, as a particular traffic action approaches such as turn left, the processor of unit 1 instructs communication module 1 to dispatch a signal containing the instruction of the mode of indicator light signal. In response, in unit 2, the processor instructs an indicator light to flash on/off dependent on the signal received. As might be automatically detected, as a rider having followed the instruction displayed on the screen moves away from a particular junction, the processor instructs a communication module 1 to dispatch a signal containing an instruction to switch off the indicator light dependent on the location change detected. The processor may instruct an indicator light to switch off dependent on a signal received from unit 1. Instead of unit 1 automatically sending a signal to unit 2, in one optional embodiment, the user interface may display an option for the user to select whether or not to send an indicator light signal.

In a further embodiment as shown in figure 8 unit 1 may be synchronised with unit 2. The user may navigate to a user interface displaying options of different frequency levels. The user may then select from pre-determined levels F1 to FN. The processor may then instruct communication module 1 to dispatch a signal containing the selected frequency number. The processor of unit 2 may then, having received the signal from unit 1, instruct variations of the flashing frequency FN. As a further embodiment, the unit 2 may also automatically detect if a power source level is below a certain threshold and then instruct a variation of the flashing frequency to F1 or another level of frequency which may be defined as an ECO mode of operation.

CLAIMS

1. A rider safety system suitable for use with a bicycle or the like, comprising a first unit for
5 mounting in a position where the unit is visible by a rider, and at least one second unit
located remotely from said first unit; said first unit and said second unit comprising
respective communication modules for wirelessly communicating signals between said first
and second unit; wherein said second unit incorporates a camera for capturing images; said
communication module being configured to transmit images from said second unit to said
10 first unit.
2. A system according to claim 1, wherein said second unit is integrated into an article of
clothing and/or an article of rider protection.
- 15 3. A system according to either of the preceding claims, wherein said second unit
incorporates releasable fasteners for releasably fastening said unit to an article of clothing
and/or an article of rider protection.
4. A system according to any of the preceding claims, wherein said first unit and/or said
20 second unit incorporates a memory for storing images captured by said camera.
5. A system according to any of the preceding claims, wherein said second unit
incorporates one or more lights.
- 25 6. A system according to claim 5, wherein said lights are in the form of one or more
elongate strips of lights.
7. A system according to claim 6, wherein said elongate strips of lights are attached, in use,
to an article of clothing incorporating a sleeve; said elongate strips being located at a
30 rearward location of the sleeve of said article as a user outstretches his arms laterally.
8. A system according to any of the preceding claims, wherein said first unit incorporates a
screen and processing means for processing said received images for display in real time.

9. A system according to any of the preceding claims, wherein said first unit incorporates a touch sensitive screen.

10. A system according to claim 9, wherein said first unit incorporates processing means
5 which are configured to display regions which when touched cause a predetermined kind of control signal to be sent to said second unit.

11. A system according to claim 10, wherein said second unit incorporates a light and said first unit is configured to dispatch a signal to said second unit; said second unit
10 incorporating means for varying the brightness in response to a signal received from said first unit with instructions to vary the brightness of a predetermined light.

12. A system according to claim 11, wherein said first unit and/or said second unit are configured so that dependent upon the time of day, and/or dependent upon remotely
15 stored recommended brightness levels for predicted riding conditions, and/or measured environmental levels of natural light instruct the variation of the brightness of a predetermined light.

13. A system according to claim 10, wherein said second unit incorporates a light and said first unit is configured to dispatch a signal to said second unit; said second unit
20 incorporating means for switching said light ON and/or OFF in response to a signal received from said first unit with instructions to switch said light ON and/or OFF.

14. A system according to claim 10, wherein said second unit incorporates a light and said first unit is configured to dispatch a signal to said second unit; said second unit
25 incorporating means for switching said light ON and/or OFF at a predetermined frequency in response to a signal received from said first unit with instructions to switch said light ON and/or OFF at a predetermined frequency.

30 15. A system according to any of the preceding claims, wherein said first unit incorporates a communication module which dispatches signals and/or receives signals to and/or from a mobile network.

16. A system according to any of the preceding claims, wherein said first unit incorporates a communication module which dispatches signals representative of video for remote storage in a remotely located further unit.

5 17. A system according to any of the preceding claims, wherein said first unit incorporates a navigation system for displaying maps and instructions to assist in arriving at a particular destination; and said first unit automatically dispatches control instructions to said second unit dependent upon instructions issued by said navigation system.

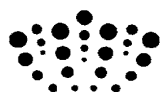
10 18. A rider safety system substantially as hereinbefore described and/or illustrated in any appropriate combination of the accompanying text and/or figures.

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Application No: GB1019929.7

Examiner: Mr Philip Osman

Claims searched: 1-3

Date of search: 14 March 2011

Patents Act 1977: Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1	EP1914156 A1 (ITALMANUBRI) See abstract and figures
X	1	US7714704 B1 (MELLEN) See abstract and figures
X	1, 2	JP2007286269 A (SHIKOKU RESEARCH) See English language abstract and figures
A	-	KR090067415 A (HUROB) See English language abstract and figures
A	-	DE10148821 A1 (SURMUND) See English language abstract and figures

Categories:

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.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^X :

Worldwide search of patent documents classified in the following areas of the IPC

A41D; A42B; B60R; B62J; H04N

The following online and other databases have been used in the preparation of this search report

EPODOC, WPI, Internet



International Classification:

Subclass	Subgroup	Valid From
B62J	0029/00	01/01/2006
A42B	0003/04	01/01/2006
B62J	0006/04	01/01/2006



Espacenet

Bibliographic data: JP2000137263 (A) — 2000-05-16

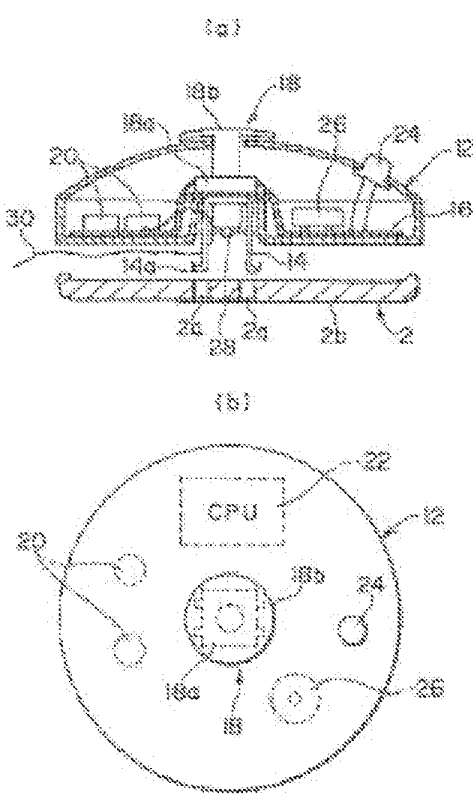
RELEASE DEVICE FOR CAMERA

No documents available for this priority number.

Inventor(s): MIYAKE IZUMI ± (MIYAKE IZUMI)
Applicant(s): FUJI PHOTO FILM CO LTD ± (FUJI PHOTO FILM CO LTD)
Classification: - international: **A41D1/00; A44B1/08; A44B9/08; G03B9/08; H04N5/225;** (IPC1-7): A41D1/00; A44B1/08; A44B9/08; G03B9/08; H04N5/225
- cooperative:
Application number: JP19980312083 19981102
Priority number(s): JP19980312083 19981102

Abstract of JP2000137263 (A)

PROBLEM TO BE SOLVED: To provide a release device for a camera where operation can be carried out any time without extracting the camera from a bag, each time the release device is operated so that photographs can be taken without awareness of the person being photographed. **SOLUTION:** A fitting device 14 is installed on backside of a case 12 to fit the case 12 to clothing. In addition to that, a battery 20, an output means 30 for outputting an operation signal to a shutter, and the main body 18a of a release switch 18 are contained in the case 12. Furthermore, an operation means 18b of the release switch 18 is installed on the surface of the case 12. A release command signal is transmitted to a shutter operation part of the camera by activating the operation means 18b and the shutter is operated.



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(71) 出願人 000003201

富士写真フイルム株式会社
神奈川県南足柄市中沼210番地

(72) 発明者 三宅 泉

埼玉県朝霞市泉水3丁目11番46号 富士写真フイルム株式会社内

(74) 代理人 100083116

弁理士 松浦 憲三

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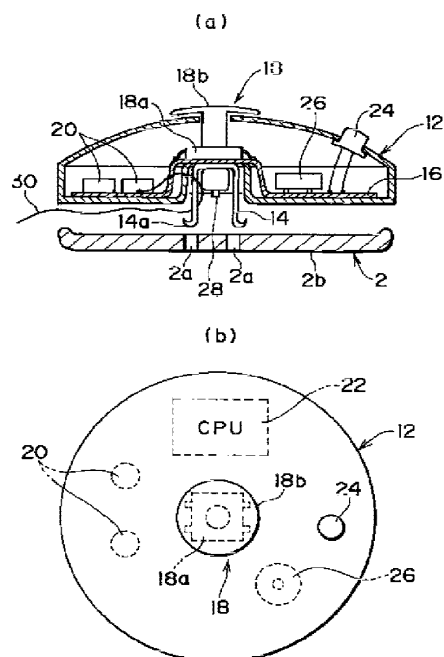
AC73 AC75

(54) 【発明の名称】 カメラ用リリース装置

(57) 【要約】

【課題】 レリーズ装置を操作する際に、その都度カバン等から取り出す必要がなく随時操作が行え、被撮影者に知られないように撮影することができるカメラ用リリース装置を提供すること。

【解決手段】 ケース12の裏面側に、該ケース12を衣服に装着する装着手段14を配設するとともに、前記ケース12内にバッテリー20、シャッターへの操作信号出力手段30およびリリーススイッチ18の本体18aを收容設置し、さらに前記ケース12の表面に前記リリーススイッチ18の操作手段18bを配設し、該記操作手段18bを作動させることによって、リリース指令信号をカメラAのシャッター操作部へ伝達し、それによってシャッターを作動させるようにしている。



【特許請求の範囲】

【請求項1】 ケースの裏面側に、該ケースを衣服に装着する装着手段を配設するとともに、前記ケース内にバッテリー、シャッターへの操作信号出力手段およびリリーススイッチの本体を収容設置し、さらに前記ケースの表面に前記リリーススイッチの操作手段を配設し、該操作手段を作動させることによって、リリース指令信号をカメラのシャッター操作部へ伝達し、それによってシャッターを作動させるようにしたことを特徴とするカメラ用リリース装置。

【請求項2】 前記ケースは前記衣服の釦を覆う疑似釦であり、前記装着手段は前記衣服の釦に係合するフックであることを特徴とする請求項1に記載のカメラ用リリース装置。

【請求項3】 前記ケースをネクタイピンの装飾部に形成したことを特徴とする請求項1に記載のカメラ用リリース装置。

【請求項4】 前記リリーススイッチを通信ケーブルを介して前記カメラのシャッター操作部へ接続し、前記リリース指令信号を前記通信ケーブルを介して前記カメラのシャッター操作部へ伝達するようにしたことを特徴とする請求項1、2または3に記載のカメラ用リリース装置。

【請求項5】 前記ケース内に前記操作信号出力手段として赤外線投光器を配設するとともに、前記カメラのシャッター操作部に赤外線受光器を配設し、前記リリース指令信号を前記赤外線投光器から前記カメラの赤外線受光器へ伝達するようにしたことを特徴とする請求項1、2または3に記載のカメラ用リリース装置。

【請求項6】 前記ケース内に前記操作信号出力手段としてリリース信号送信器を配設するとともに、前記カメラのシャッター操作部に受信器を配設し、前記リリース指令信号を前記送信器から前記カメラの受信器へ伝達するようにしたことを特徴とする請求項1、2または3に記載のカメラ用リリース装置。

【請求項7】 前記ケースにセルフタイマー用発光ダイオードを配設するとともに、該発光ダイオードを点灯または点滅制御する制御素子を配設したことを特徴とする請求項1、2、3、4、5または6に記載のカメラ用リリース装置。

【請求項8】 前記ケースに発音体を配設するとともに、前記ケースに発音制御する制御素子を配設したことを特徴とする請求項1、2、3、4、5、6または7に記載のカメラ用リリース装置。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は、カメラのリリース装置に関するもので、特に遠隔操作を行うためのカメラのリリース装置に関するものである。

【0002】

【従来の技術】従来、撮影者は、カメラを被写体に向け

て構え、リリーススイッチを押して撮影を行っている。また、カメラを把持して構えるという煩わしい動作を不要にするため、カメラを体の一部等に装着し、シャッターリリースを手元のリリース装置によって遠隔操作できるようにしたものも提案される。

【0003】

【発明が解決しようとする課題】しかしながら、このようなリリース装置は、その都度手元で操作しなければならないため、例えばリリース装置をポケットに入れている場合には、その都度リリース装置をポケットから取り出して操作しなければならない、撮影チャンスを逸してしまう虞れがある。また、撮影を行っていることを被撮影者に知られないようにして被撮影者の自然な様子を撮影したい場合等において、カメラを体の一部に目立たないように装着してもリリース装置を操作していると、撮影を行っていることが被撮影者に知られてしまうおそれがある。

【0004】本発明はこのような事情に鑑みてなされたもので、リリース操作を行っていることが被撮影者に容易に知られないようにすると共に、操作が容易なカメラ用リリース装置を提供することを目的とする。

【0005】

【課題を解決するための手段】本発明のカメラ用リリース装置では、ケースの裏面側に、該ケースを衣服に装着する装着手段を配設するとともに、前記ケース内にバッテリー、シャッターへの操作信号出力手段およびリリーススイッチの本体を収容設置し、さらに前記ケースの表面に前記リリーススイッチの操作手段を配設し、該操作手段を作動させることによって、リリース指令信号をカメラのシャッター操作部へ伝達し、それによってシャッターを作動させるようにしている。

【0006】さらに、本発明のカメラ用リリース装置では、前記ケースを前記衣服の釦を覆う疑似釦とし、前記装着手段を前記衣服の釦に係合するフックにしている。また、本発明の別のカメラ用リリース装置では、前記ケースをネクタイピンの装飾部に形成している。また、本発明のカメラ用リリース装置では、前記リリーススイッチを通信ケーブルを介して前記カメラのシャッター操作部へ接続し、前記リリース指令信号を前記通信ケーブルを介して前記カメラのシャッター操作部へ伝達するようにしている。

【0007】また、本発明のカメラ用リリース装置では、前記ケース内に前記操作信号出力手段として赤外線投光器を配設するとともに、前記カメラのシャッター操作部に赤外線受光器を配設し、前記リリース指令信号を前記赤外線投光器から前記カメラの赤外線受光器へ伝達するようにしている。また、本発明のカメラ用リリース装置では、前記ケース内に前記操作信号出力手段としてリリース信号送信器を配設するとともに、前記カメラのシャッター操作部に受信器を配設し、前記リリース指令

信号を前記送信器から前記カメラの受信器へ伝達するようにしている。

【0008】また、本発明のカメラ用レリーズ装置では、前記ケースにセルフタイマー用発光ダイオードを配設するとともに、該発光ダイオードを点灯または点滅制御する制御素子を配設している。また、本発明のカメラ用レリーズ装置では、前記ケースに発音体を配設するとともに、前記ケースに発音制御する制御素子を配設している。

【0009】上記本発明のカメラ用レリーズ装置によれば、レリーズ装置を衣服に装着しているので、その都度カバン等から取り出す必要がなく随時操作が行え、また、外観からではレリーズ装置であることが把握できないため、被撮影者に知られないように撮影を行うことができる。

【0010】

【発明の実施の形態】図1は、本発明に係るカメラのレリーズ装置の一実施の形態を示したものであり、カメラAをワイシャツ1の肩1aに設置し、レリーズ装置10をワイシャツ1の釦2に装着した状態を示している。このレリーズ装置10では、図2(a)、(b)に示したように、合成樹脂等によって形成された釦状のケース12を有し、その底面にケース12を衣服へ装着する装着手段としてフック14を備えている。このフック14は先端に爪14aを有しており、該フック14を釦2の孔2aに挿入し、爪14aを釦2の裏側面2bに係合させることによって、ケース12を釦2に装着する。

【0011】ケース12の内部には、フレキシブル基板16が設置され、該基板16の上面中央にはレリーズスイッチ18の本体18aが装着され、レリーズスイッチの操作手段としてレリーズ操作釦18bがケース12の表面中央に突出されている。そして、操作釦18bを操作することによってレリーズスイッチが作動される。また、レリーズスイッチ18の周囲の基板16には、バッテリー20、CPU(制御素子)22、発光ダイオード(LED)24、発音体26等がそれぞれ装着されており、さらにケース12の裏面には電源スイッチ28が設置されている。そして、それらは図1に示したように、通信ケーブル30を介してカメラAのシャッター操作部へ接続されている。

【0012】そして、このレリーズ装置10では、ケース12をワイシャツ1に装着すると、図3において、電源スイッチ28が閉成(ON)される。そして、レリーズ操作釦18bを押下すると、レリーズスイッチ18が作動され、それによってCPU22が作動される。CPU22は、レリーズスイッチ信号が入力されると、カメラAのシャッター操作部へ信号を送出する。また、CPU22にレリーズスイッチ信号が入力されると、LED24が点灯又は点滅してシャッターが作動されたことをオペレータに知らせるようになっている。尚、レリーズ

装置10にセルフタイマー機能を持たせることも可能であり、この場合、CPU22は、レリーズスイッチ信号が入力されると、カウントを開始し、所定時間後にカメラAのシャッター操作部へ信号を送出する。CPU22でカウントされている間は、LED24が点灯または点滅して、タイマーが作動していることをオペレータに知らせることも可能である。また、発音体26によってもシャッターが作動されたこと、又は、タイマーの作動を知らせることもできる。

【0013】図4(a)、(b)は、本発明に係るカメラ用レリーズ装置の他の実施の形態を示したものである。このレリーズ装置40では、衣服へ装着する装着手段としてネクタイピン42を採用している。そして、台座42aに円盤状ケース44を形成し、把持部42bの先端に弧状アーム42cを回動自在に配設し、該アーム42cの両端に爪42dを形成している。したがって、このレリーズ装置40は、台座42aと把持部42bを拡げ、それらをネクタイに挟み込み、台座42aと把持部42bの弧状アーム42cによってネクタイを挟持する。なお、このレリーズ装置40をワイシャツに直接挟持させてもよい。

【0014】ケース44の内部には、基板46が設置され、該基板46の上面中央にはレリーズスイッチ48の本体48aが装着され、レリーズスイッチの操作手段として、レリーズ操作釦48bがケース44の表面中央に突出されている。そして、操作釦48bを操作することによってレリーズスイッチ48が作動される。また、レリーズスイッチ48の本体48aの周囲の基板46には、バッテリー50、CPU(制御素子)52、発光ダイオード(LED)54、発音体56等がそれぞれ装着されており、さらにケース44の裏面には電源スイッチ58が設置されている。そして、それらは上記実施の形態と同様に通信ケーブル30を介してカメラAのシャッター操作部へ接続されている。

【0015】そして、このレリーズ装置40では、ネクタイピンをネクタイに装着すると、図3において、電源スイッチ58が閉成(ON)される。そこで、レリーズ操作釦48bを押下すると、レリーズスイッチ48が作動され、それによってCPU52が作動される。CPU52は、レリーズスイッチ信号が入力されると、通信ケーブル30を介してカメラAのシャッター操作部へ信号を送出する。また、CPU52にレリーズスイッチ信号が入力されると、LED54が点灯又は点滅してシャッターが作動されたことをオペレータに知らせるようになっている。尚、上述の実施の形態と同様にレリーズ装置40にセルフタイマー機能を持たせることも可能であり、この場合、CPU52は、レリーズスイッチ信号が入力されると、カウントを開始し、所定時間後にカメラAのシャッター操作部へ信号を送出する。CPU52でカウントされている間は、LED54が点灯または点滅

して、タイマーが作動していることをオペレータに知らせることも可能である。また、発音体56によってもシャッターが作動されたこと、又は、タイマーの作動を知らせることもできる。

【0016】尚、上記実施の形態では、レリーズ装置の操作信号を通信ケーブル30を介して送出しているが、図5に示したように、通信ケーブル30に替えて、ケース12、44内に赤外線投光素子60を設置するとともに、カメラAに図示しない赤外線受光素子を設置し、上記実施の形態と同様に、レリーズスイッチ18、48の作動に応じてCPU22、52を作動させ、それによって赤外線投光素子60から赤外線を出力させて、カメラAのシャッター操作部を作動させるようにしてもよく、また図6に示したように、赤外線投光素子60に替えて、ケース12、44にレリーズ信号送信器70を設置するとともに、カメラAに図示しない受信器を設置し、上記実施の形態と同様に、レリーズスイッチ18、48の作動に応じてCPU22、52を作動させ、それによって送信器70からレリーズ信号を発信させて、カメラAのシャッター操作部を作動させるようにしてもよい。

【0017】また、上記実施の形態では、レリーズスイッチの操作手段として、レリーズ操作釦を開示し、該釦をケース内へ押し込んで、レリーズスイッチを作動させるようにしているが、ケースを2分割し、その一方を他方に対して回動させることによってレリーズスイッチを作動させるようにしてもよい。また、上記実施の形態では、CPUによってセルフタイマーの動作設定をおこなっているが、セルフタイマーのみならず、他の動作設定を行うことができる。その場合の動作設定は、例えば、所定時間（例えば数秒間）内にレリーズスイッチを何回操作したかによって行ったり、レリーズスイッチの操作時間によって行う。

【0018】

【発明の効果】上記したように、本発明のカメラ用レリーズ装置では、ケースの裏面側に、該ケースを衣服に装着する装着手段を配設するとともに、前記ケース内にバッテリー、シャッターへの操作信号出力手段およびレリーズスイッチの本体を収容設置し、さらに前記ケースの表面に前記レリーズスイッチの操作手段を配設し、該記操作手段を作動させることによって、レリーズ指令信号をカメラのシャッター操作部へ伝達し、それによってシャッターを作動させるようにしている。したがって、レリーズ装置を操作する際に、その都度カバン等から取り出す必要がなく随時操作が行え、また、外観からではレリーズ装置であることが把握できないため、被撮影者に知られないように撮影を行うことができる。

【図面の簡単な説明】

【図1】本発明に係るカメラ用レリーズ装置の装着状態を示した概念図である。

【図2】本発明に係るカメラ用レリーズ装置の一実施の

形態を示したもので、図2（a）はその縦断面図であり、図2（b）はその平面図である。

【図3】本発明に係るカメラ用レリーズ装置の回路図である。

【図4】本発明に係るカメラ用レリーズ装置の他の実施の形態を示したもので、図4（a）はその縦断面図であり、図4（b）はその一部を切欠いて示した平面図である。

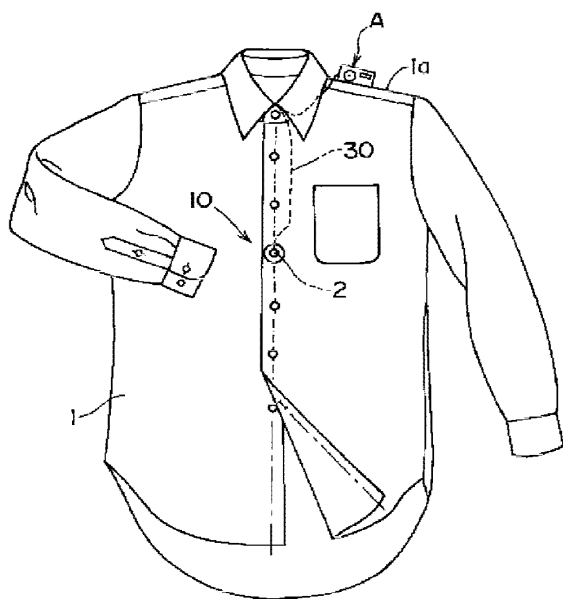
【図5】本発明に係るカメラ用レリーズ装置の他の実施の形態の回路図である。

【図6】本発明に係るカメラ用レリーズ装置のさらに他の実施の形態の回路図である。

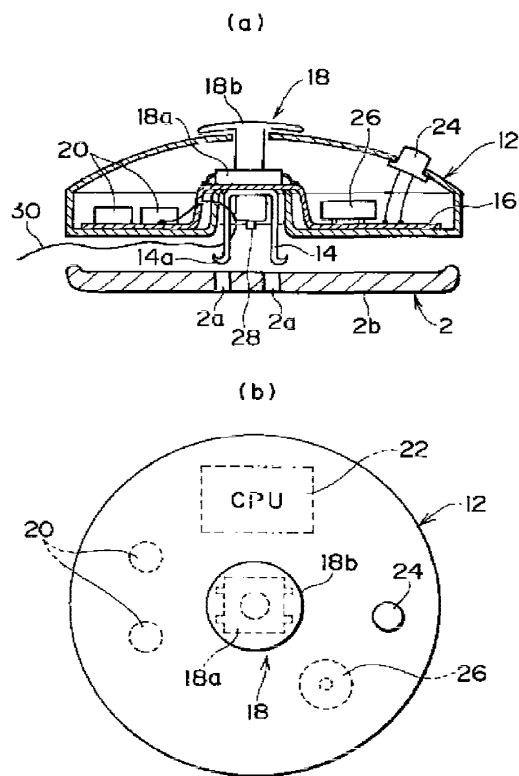
【符号の説明】

- 1…ワイシャツ
- 2…釦
- 2a…孔
- 10…レリーズ装置
- 12…ケース
- 14…フック（装着手段）
- 14a…爪
- 16…フレキシブル基板
- 18…レリーズスイッチ
- 18a…本体
- 18b…操作釦（操作手段）
- 20…バッテリー
- 22…CPU（制御素子）
- 24…発光ダイオード（LED）
- 26…発音体
- 28…電源スイッチ
- 30…通信ケーブル
- 40…レリーズ装置
- 42…ネクタイピン（装着手段）
- 42a…台座
- 42b…把持部
- 42c…アーム
- 42d…爪
- 44…ケース
- 46…基板
- 48…レリーズスイッチ
- 48a…本体
- 48b…操作釦（操作手段）
- 50…バッテリー
- 52…CPU（制御素子）
- 54…発光ダイオード（LED）
- 56…発音体
- 58…電源スイッチ
- 60…赤外線投光素子
- 70…レリーズ信号送信器
- A…カメラ

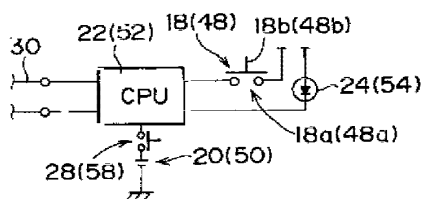
【図1】



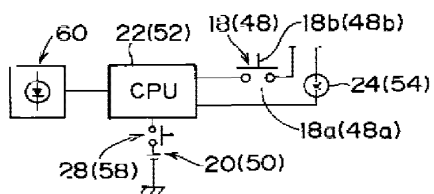
【図2】



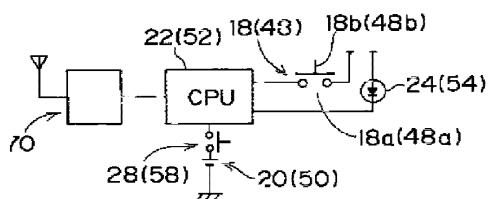
【図3】



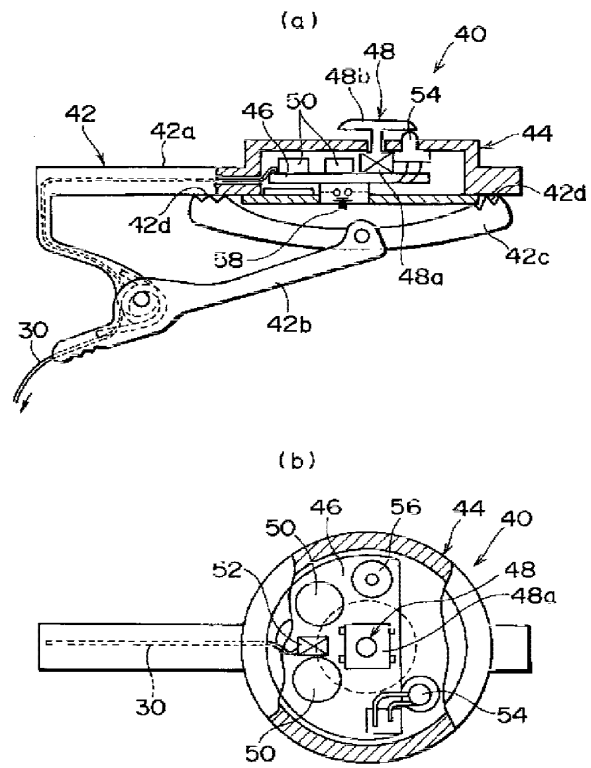
【図5】



【図6】



【図4】



PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

To:

BAILEY Jennifer C.
HOVEY WILLIAMS LLP
10801 Mastin Blvd. Suite 1000
84 Corporate Woods
Overland Park, Kansas 66210
United States of America

Date of mailing (<i>day/month/year</i>) 30 January 2014 (30.01.2014)	
Applicant's or agent's file reference 44566-PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US 2013/062415	International filing date (<i>day/month/year</i>) 27 September 2013 (27.09.2013)
Applicant DIGITAL ALLY, INC.	

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland. Facsimile No.: +41 22 338 82 70

For more detailed instructions, see *PCT Applicant's Guide*, International Phase, paragraphs 9.004 – 9.011.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.
3. ☐ **With regard to any protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with any request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Following the expiration of 30 months from the priority date, these comments will also be made available to the public.

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90*bis*.1 and 90*bis*.3).

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the *PCT Applicant's Guide*, National Chapters.

Name and mailing address of the ISA/ FIPS Russia, 123995, Moscow, G-59, GSP-5, Berezhkovskaya nab., 30-1	Authorized officer  O. Kishkovich
Facsimile No. +7 (499) 243-33-37	Telephone No. 499-240-25-91

Form PCT/ISA/220 (July 2010)

PATENT COOPERATION TREATY
PCT
INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 44566-PCT	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/US 2013/062415	International filing date (<i>day/month/year</i>) 27 September 2013 (27.09.2013)	(Earliest) Priority Date (<i>day/month/year</i>) 28 September 2012 (28.09.2012)
Applicant DIGITAL ALLY, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

☒ the international application in the language in which it was filed.

☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (see Box No. II).

3. ☐ **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 2013/062415

A. CLASSIFICATION OF SUBJECT MATTER

H04N 7/18 (2006.01)
H04N 5/77 (2006.01)
H04N 5/225 (2006.01)
G03B 19/18 (2006.01)
A45F 5/02 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04N 7/00, 7/18, 5/00, 5/222-5/28, 5/765, 5/77, G03B 19/18, A45F 5/00, A44B 1/26, A42B 3/04, A41D 1/00, B65D 25/52, G05D 15/00, G08B 23/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatSearch (RUPTO internal), USPTO, PAJ, Esp@cenet, DWPI, EAPATIS, PATENTSCOPE, Information Retrieval System of FIPS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5886739 A (C. NORMAN WINNINGSTAD) 23.03.1999, col. 3, lines 5-18, 54-64, col. 4, lines 30-45, 50-52, 65-66, col. 5, lines 15-20, col. 6, lines 41-60, fig. 1	18
Y		1-17, 19, 20
Y	DE 102010019451 A1 (KALKA JOCHEN et al.) 10.11.2011, abstract, [0004], [0006], [0065]-[0068], fig. 2, 3, 11	1-10, 12, 13, 19, 20
Y	US 2003/0106917 A1 (LANCE SHETLER et al.) 12.06.2003, abstract. [0063], fig. 2, 5	11-17
Y	US 2012/0063736 A1 (GORDON SCOTT SIMMONS et al.) 15.03.2012, [0082]	3, 17



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

09 December 2013 (09.12.2013)

Date of mailing of the international search report

30 January 2014 (30.01.2014)

Name and mailing address of the ISA/ FIPS
 Russia, 123995, Moscow, G-59, GSP-5,
 Berezhikovskaya nab., 30-1

Facsimile No. +7 (499) 243-33-37

Authorized officer

N. Lavrentieva

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 2013/062415

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RU 2383915 C2 (MICROSOFT CORPORATION) 10.03.2010	1-20
A	GB 2485804 A (NICOLAS BISCHOFF) 30.05.2012	1-20
A	JP 2000137263 A (FUJI PHOTO FILM CO LTD) 16.05.2000	1-20
A	US 6396403 B1 (LENORA A. HANER) 28.05.2002	1-20

Form PCT/ISA/210 (continuation of second sheet) (July 2009)

PATENT COOPERATION TREATY

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

From the INTERNATIONAL SEARCHING AUTHORITY

To:

BAILEY Jennifer C.
HOVEY WILLIAMS LLP
10801 Mastin Blvd. Suite 1000
84 Corporate Woods
Overland Park, Kansas 66210
United States of America

Date of mailing (<i>day/month/year</i>) 30 January 2014 (30.01.2014)		
Applicant's or agent's file reference 44566-PCT		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/US 2013/062415	International filing date (<i>day/month/year</i>) 27 September 2013 (27.09.2013)	Priority date (<i>day/month/year</i>) 28 September 2012 (28.09.2012)
International Patent Classification (IPC) or both national classification and IPC H04N 7/18 (2006.01) H04N 5/225 (2006.01) A45F 5/02 (2006.01) H04N 5/77 (2006.01) G03B 19/18 (2006.01)		
Applicant DIGITAL ALLY, INC.		

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

Name and mailing address of the ISA/ FIPS Russia, 123995, Moscow, G-59, GSP-5, Berezhkovskaya nab., 30-1	Date of completion of this opinion 09 December 2013 (09.12.2013)	Authorized officer N. Lavrentieva
Facsimile No. +7 (499) 243-33-37	Telephone No.	

Form PCT/ISA/237 (cover sheet) (July 2011)

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US 2013/062415

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:
☒ the international application in the language in which it was filed.
☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:
 - a. (means)
☐ on paper
☐ in electronic form
 - b. (time)
☐ in the international application as filed
☐ together with the international application in electronic form
☐ subsequently to this Authority for the purposes of search
4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US 2013/062415

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-17, 19-20	YES
	Claims	18	NO
Inventive step (IS)	Claims		YES
	Claims	1-17, 19-20	NO
Industrial applicability (IA)	Claims	1-20	YES
	Claims		NO

2. Citations and explanations:

D1: US 5886739 A
D2: DE 102010019451 A1
D3: US 2003/0106917 A1
D4: US 2012/0063736 A1

D1 (abstract) discloses a portable video system comprising, as well as a video system characterized in claim 1 of the present application, a camera component for capturing video of an event, said camera component comprising a camera housed within a housing having a size configured to mount on a user's body (column , lines 37-45, fig. 1). Housing of the camera component includes an input to instruct recording by the camera (see column 4, lines 30-36). Furthermore, the system known from D1 comprises, as well as the system characterized in claim 1 of the present application, a recording component comprising a processor and a memory associated with the camera for storing the captured video (column 3, lines 54-64, column 4, lines 37-45, 65-66), and a mounting assembly for mounting the camera to the user's body (column 4, lines 50-52, column 5, lines 15-20).

The system characterized in claim 1 of the present application differs from the system known from D1 in that the mounting assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user.

However, D2 discloses an device mounted to the button, which comprises a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user (abstract, fig. 2, 3) and provides reliable attachment of the device to the clothing article of the user ([0004], [0006]).

Therefore, the invention characterized in claim 1 of the present application does not meet the criterion of inventive step.

The system characterized in claim 11 of the present application differs from the system known from D1 in that the attachment device is a clip configured for grasping a clothing article of the user.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of V:

However, D3 discloses a clip configured for grasping a clothing article of the user (abstract, fig. 2), which provides reliable attachment of the device to the clothing article of the user ([0063]).

Therefore, the invention characterized in claim 11 of the present application does not meet the criterion of inventive step.

D1 discloses a portable video system (abstract) comprising, as well as a video system characterized in claim 18 of the present application, a camera for capturing video of an event, said camera housed within a first housing having a size configured to mount on a user's body (column 4, lines 37-45, fig. 1), a video recording device housed within a second housing and operable to record the captured video of the event (column 3, lines 54-64, column 4, lines 37-45, fig. 1). Wherein in the system known from D1, as well as in the system characterized in claim 18 of the present application, said video recording device is communicatively coupled with the camera housed within the first housing (column 3, lines 54-64), said video recording device includes a processor and a memory for storing said captured video of the event (column 3, lines 54-64, column 4, lines 37-45, 65-66), said second housing is physically separated from said first housing (column 3, lines 5-18, column 6, lines 41-60). Furthermore, the system known from D1, as well as in the system characterized in claim 18 of the present application, comprises a mounting assembly for mounting at least the camera to a user's body or a clothing article (column 4, lines 50-52, column 5, lines 15-20).

Therefore, the invention characterized in claim 18 does not meet the criterion of novelty. The distinctive features that are characterized in claim 2 of the present application are also known, for example, from D1 (column 3, lines 54-58).

The distinctive features that are characterized in claim 3 of the present application are also known, for example, from D4 ([0082]).

The distinctive features that are characterized in claim 4 of the present application are also known, for example, from D2 (fig. 3).

The distinctive features that are characterized in claims 5, 6 of the present application are also known, for example, from D2 (fig. 2).

The distinctive features that are characterized in claim 7 of the present application are also known, for example, from D1 (column 4, line 37) and D2 (fig. 2).

The distinctive features that are characterized in claim 8, 14 of the present application are also known, for example, from D1 (fig. 1) and D3 (fig. 5).

The distinctive features that are characterized in claims 9, 15 of the present application are also known, for example, from D1 (column 3, lines 5-18, 54-64, column 4, lines 37-45, column 6, lines 41-60, fig. 1).

The distinctive features that are characterized in claims 10, 16 of the present application are also known, for example, from D1 (column 3, lines 54-64).

The distinctive features that are characterized in claims 12, 13, 20 of the present application are also known, for example, from D2 ([0065]-[0068], fig. 11).

The distinctive features that are characterized in claim 17 of the present application are also known, for example, from D1 (column 3, lines 54-58) and D4 ([0082]).

The distinctive features that are characterized in claim 19 of the present application are also known, for example, from D2 (abstract, fig. 2, 3).

Therefore, claims 1-17 и 19-20 do not meet the criterion of inventive step.

The inventions characterized in claims 1 - 20 meet the criterion of industrial applicability.

Electronic Acknowledgement Receipt

EFS ID:	18463324
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	13-MAR-2014
Filing Date:	27-SEP-2013
Time Stamp:	16:10:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	01_IDS_Letter_as_Filed_10_01.pdf	41470 0f8fa1e2b85645972999d47a18edab4d6f6a8879	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Form (SB08)	02_Information_Disclosure_Statement_as_Filed_10_01.pdf	612844	no	4
			108f7087695f8e4add6efd909371ee861844c714		
Warnings:					
Information:					
3	Foreign Reference	03_Foreign_Ref_1_DE102010019451_as_Filed_10_01.pdf	375153	no	10
			77e1e7fb0fdd3165af23641289a4fe2f194ef9e2		
Warnings:					
Information:					
4	Foreign Reference	04_Foreign_Ref_2_RU2383915_as_Filed_10_01.pdf	1624376	no	21
			f5c5421f421b93155e32648282be9459f3bf2919		
Warnings:					
Information:					
5	Foreign Reference	05_Foreign_Ref_3_GB2485804_as_Filed.pdf	862966	no	24
			1ddfb3d62958b9fd417db1472ab52b9da68cb4c4		
Warnings:					
Information:					
6	Foreign Reference	06_Foreign_Ref_4_JP2000137263_as_Filed_10_01.pdf	396692	no	8
			f5dce29fdcadfb66e98ba99a2a6d7a5ab01d43515		
Warnings:					
Information:					
7	Non Patent Literature	07_NPL_Ref_1_as_Filed_10_01.pdf	510713	no	8
			bdd1647910abb5105ce30fa6e9ad6415cc51264c		
Warnings:					
Information:					
Total Files Size (in bytes):			4424214		

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Docket No.: 2539-10.01
PHILLIPS, Steve et al.	Confirmation No.: 4686
Serial No.: 14/040,329	Group Art Unit No.: 2662
Filed: September 27, 2013	Customer No.: 118925
PORTABLE VIDEO AND IMAGING SYSTEM	Examiner: PRABHAKHER, Pritham David

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

The attached references are being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, as required by 37 C.F.R. §1.56.

Any fee which is due in connection with this Statement should be applied against Deposit Account No. 506159.

Respectfully submitted,

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard
Suite 300
Overland Park, Kansas 66211
913-777-5600

ATTORNEYS FOR APPLICANT(S)



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	2539-10.01	4686
118925	7590	03/05/2014		
Erise IP, P.A. 6201 College Blvd Suite 300 Overland Park, KS 66211			EXAMINER PRABHAKHER, PRITHAM DAVID	
			ART UNIT 2662	PAPER NUMBER
			MAIL DATE 03/05/2014	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.

Office Action Summary	Application No. 14/040,329	Applicant(s) PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER	Art Unit 2662	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 01/31/2014.
☐ 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) 1-20 is/are pending in the application.
5a) Of the above claim(s) 11-17 and 20 is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 1-7,9,10,18 and 19 is/are rejected.
- 8) ☒ Claim(s) 8 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 01/27/2014 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 09/27/2013.
- 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 4) ☐ Other: ____.

DETAILED ACTION

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

1.) Information Disclosure Statement

The information disclosure statement (IDS) submitted on 09/27/2013 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

2.) Election/Restrictions

Claims 11-17 and 20 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 01/31/2014.

Applicant's election without traverse of claims 1-10 and 18-19 in the reply filed on 01/31/2014 is acknowledged.

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 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 1-7 and 9-10 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Dischinger (US Pub No.: 2009/0141129A1) and further in view of Kashiwa (US Pub No.: 2008/0030580A1) and Webster (US Patent No.: 8175314B1).**

*In regard to **Claim 1**, Dischinger discloses a portable video system (Portable video system 100 is made up of image acquisition component 114 within enclosure 110, audio data communication element 110 and image data communication element 140,*

Figures 3-5; Paragraphs 0020 and 0026) comprising:

*a camera component for capturing video of an event (Image acquisition component 112 is a camera configured to acquire still images and/or video data, **Paragraph 0020)** said camera component comprising a camera housed within a housing having a size configured to mount on a user's body (Image acquisition component 112 is within a housing 110 mounted to a user's body, **Figures 4-5 and Paragraphs 0047-0048)***

*said housing of the camera component including an input to instruct recording by the camera (Control interface 118 that is part of the housing 110 with the camera 112 has input for controlling the operation of the image acquisition unit 112, **Paragraph 0025 and Figure 1)**;*

*a recording component (Image data communication element 140) comprising a memory associated with the camera for storing the captured video (The image data received from image acquisition component 112 can be stored on a storage medium in storage component 144, **Figures 1, 4-5; Paragraphs 0031-0033**); and*

*a mounting assembly for mounting the camera to the user's body (The housing 110 is mounted onto the user's body, **Paragraph 0047 and Figure 4**).*

*Dischinger does not explicitly disclose that the recording component has a processor or that the mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user. Kashiwa discloses a recording component that has a processor (Kashiwa discloses a portable imaging device; and a command device configured to communicate with the imaging device. The imaging device includes: an imaging unit; a communication unit; a characteristic data setting unit; a target image detecting unit; a recording unit; and an imaging process control unit, and the command device includes: a communication unit; and a characteristic setting information generating unit., **Abstract and Figures 2-3 of Kashiwa et al.** Kashiwa discloses capturing video images via camera unit 2 and transmitting the video images to recording unit (control unit 3) which has a recording portion 33 and a controller 40 that is a processor, **Figure 5 and Paragraph 0131 of Kashiwa et al.** It would have been obvious and well-known to one of ordinary skill in the art at the time of the invention to enable the recording component of Dischinger to also have a processor as taught by*

Kashiwa, because it helps supply read/write control signals to the recording unit present).

*Dischinger and Kashiwa et al. disclose that the portable system is mounted to a user. However, neither of Dischinger and Kashiwa et al. explicitly disclose that the mounting assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user. Webster discloses a mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user (Webster discloses a tactical microphone support system to attach a tactical microphone to a law enforcement uniform and keep it supported in place, particularly when a law enforcement officer is being physically active, such as, for example, while pursuing a suspect. Preferably, the tactical microphone support attaches to at least one button on a law enforcement shirt, **Abstract of Webster.***

*Webster discloses a button mount assembly that is used for a microphone support. The button mount assembly includes a slotted plate that has a slot for receipt of a button through the slot. The button is located on the clothing of a uniform, **Figures 1-3 and Column 6, Lines 5-28 of Webster.** It would have been obvious and well-known to one of ordinary skill in the art at the time of the invention to enable the camera component in the teachings of Dischinger and Kashiwa to be housed in a button mount assembly that includes a slotted plate presenting a slot for receipt of a button through*

*the slot, wherein the button is located on a clothing article of the user as taught Webster, because this helps provide adequate support to the camera component (communication device) even when the user is in motion while also providing the added benefits of being efficient, inexpensive and hand, **Column 1, Lines 31-60 of Webster**).*

*With regard to **Claim 2**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 1, wherein said camera comprises an image sensor and a lens (CMOS optical sensor, **Paragraph 0020 of Dischinger**. Kashiwa discloses that the camera has a lens, **Paragraph 0113 of Kashiwa et al.**. It would have been obvious and well-known to one of ordinary skill in the art at the time of incorporate a lens into the camera taught by Dischinger, because it helps concentrate light onto the surface of the sensor).*

*Regarding **Claim 3**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 2, wherein said camera component is operable to capture the event for a predetermined period of time prior to the user actuating the input to instruct recording by the portable video system (Kashiwa et al. disclose a camera device is attached to a policeman on patrol and automatically captures moving pictures or still pictures at predetermined time intervals to collect information on a district assigned to the policeman, **Paragraph 0098 of Kashiwa et al.**. Kashiwa et al. disclose he policeman having the imaging device 1 does not need to manually set characteristic data, and image capture or the transmission of target detection notice information is*

*automatically performed. Therefore, the policeman can simply operate the imaging device, and thus the imaging device 1 is suitable for use during patrol, **Paragraph 0357 of Kashiwa et al.** It would have been obvious and well-known to one of ordinary skill in the art at the time of the invention to capture the event for a predetermined period of time prior to the user actuating the input to instruct recording by the portable video system as taught by Kashiwa et al., because it is useful in surveillance situations without relying on the attentiveness of the person wearing the camera, **Paragraphs 0043-0045 of Kashiwa et al.***

*With regard to **Claim 4**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 1,*

*wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a general longitudinal axis of said slotted plate (The slot 128 is formed in a longitudinal axis, **Figure 3 of Webster**), and*

*wherein the slot is open at a lower end of the slotted plate and closed at a general upper end of the slotted plate (See open lower end and closed upper end 132, **Figure 3 of Webster**), such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from a general front of the slotted plate and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate (Hanger is hangable on such at least one normally usable button of a*

wearable clothing article at such upper slot end, **Figure 3 and Column 3, Lines 13-24 of Webster**).

Regarding **Claim 5**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 4, wherein said button-mount assembly further includes a mounting bracket (upper portion 120) that at least partially overlays and forwardly extends from the front of the slotted plate (recessed portion 124) to present a longitudinal track between said front of the slotted plate and the mounting bracket (longitudinal track is between front of portion 124 and bracket 120), and wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket (The button is held in the longitudinal track between the front of the slotted plate and the mounting bracket, **Figures 1-3 of Webster**).

In regard to **Claim 6**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 5, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket (End 132 functions as a retention clip, **Figure 3**) and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article (End 132 secures the button to the assembly so that it doesn't become dislodged, **Figures 1-3 and Column 6, Lines 29-59 of Webster**).

*In regard to **Claim 7**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 5, wherein the camera is configured to be coupled with the mounting bracket of the button-mount assembly (Dischinger discloses that housing 110 that has a camera and microphone is attached to an upper portion of a user's clothing via fastener 314, **Paragraph 0048 of Dischinger**. Webster discloses attaching a microphone to a user's clothing via a button-mount assembly. It would have been obvious and well-known to one of ordinary skill in the art at the time of the invention to substitute the fastener that held the microphone/camera unit taught by Dischinger with the button-mount assembly taught by Webster which in turn would effectively pair the camera and mounting bracket of the button-mount assembly, because it would provide support to the camera/communication device when the user of the device was in motion).*

*Regarding **Claim 9**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 1, wherein said housing for the camera is a first housing (Camera unit is in the first housing, **Figure 3 of Dischinger and Figure 2 of Kashiwa et al.**), wherein said processor and memory are stored in a second housing (Processor and memory are in the second housing 3, **Figure 2 and Figure 5 of Kashiwa et al.**), and wherein the second housing is physically separated from the first housing (The first housing 2 is separate from the second housing 3 in **Kashiwa et al.**. Dischinger also discloses the first housing 110 separate from the second housing 140, **Figures 4-5 of Dischinger**).*

*In regard to **Claim 10**, Dischinger, Kashiwa et al. and Webster disclose the portable video system of claim 9, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing (Wires connect the first and second housings, **Figures 1, 3-5; Paragraphs 0020 and 0042 of Dischinger**).*

4.) Claim 18 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Dischinger (US Pub No.: 2009/0141129A1) and further in view of Kashiwa (US Pub No.: 2008/0030580A1).

*In regard to **Claim 18**, Dischinger discloses a portable video system (Portable video system 100 is made up of image acquisition component 114 within enclosure 110, audio data communication element 110 and image data communication element 140, **Figures 3-5; Paragraphs 0020 and 0026**) comprising:*

*a camera for capturing video of an event (Image acquisition component 112 is a camera configured to acquire still images and/or video data, **Paragraph 0020**), said camera housed within a first housing (Image acquisition component 112 is within a housing 110 mounted to a user's body, **Figures 4-5 and Paragraphs 0047-0048**)*

*having a size configured to mount on a user's body (Fastener 314 is used to attach the camera unit housing 110 to the user's body, **Figures 4-5 and Paragraph 0048**);*

*a video recording device housed within a second housing and operable to record the captured video of the event (The image data received from image acquisition component 112 can be stored on a storage medium in storage component 144 that resides within device 140 (a second housing), **Figures 1, 4-5; Paragraphs 0031-0033**;*

*said video recording device being communicatively coupled with the camera housed within the first housing (The first and second devices are coupled together via communication channel 126, **Paragraph 0020; Figures 1, 4-5**),*

*said video recording device including a memory for storing said captured video of the event (The image data received from image acquisition component 112 can be stored on a storage medium in storage component 144 that resides within device 140 (a second housing), **Figures 1, 4-5; Paragraphs 0031-0033**),*

*said second housing being physically separated from said first housing (Housings 110 and 140 are separate, **Figures 4-5**); and*

*a mounting assembly for mounting at least the camera to a user's body or a clothing article (Fastener 316 is used to mount the camera to a user's body, **Paragraph 0048 and Figures 4-5**).*

Dischinger does not explicitly disclose that the video recording device has a processor. Kashiwa et al. disclose a second video recording device, separate from the video camera that has a processor (Kashiwa discloses a portable imaging device; and a command device configured to communicate with the imaging device. The imaging device includes: an imaging unit; a communication unit; a characteristic data setting

*unit; a target image detecting unit; a recording unit; and an imaging process control unit, and the command device includes: a communication unit; and a characteristic setting information generating unit., **Abstract and Figures 2-3 of Kashiwa et al.** Kashiwa discloses capturing video images via camera unit 2 and transmitting the video images to recording unit (control unit 3) which has a recording portion 33 and a controller 40 that is a processor, **Figure 5 and Paragraph 0131 of Kashiwa et al.** It would have been obvious and well-known to one of ordinary skill in the art at the time of the invention to enable the recording component of Dischinger to also have a processor as taught by Kashiwa, because it helps supply read/write control signals to the recording unit present).*

5.) Claim 19 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Dischinger (US Pub No.: 2009/0141129A1) in view of Kashiwa (US Pub No.: 2008/0030580A1) as applied to claim 18 above and further in view of Webster (US Patent No.: 8175314B1).

*Regarding **Claim 19**, Dischinger and Kashiwa et al. disclose mounting the portable video system to a user. However, neither reference explicitly discloses that the mounting assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user. Webster discloses a button-mount assembly including a slotted plate*

presenting a slot for receipt of a button through the slot wherein the button is located on a clothing of a user,

*(Webster discloses a tactical microphone support system to attach a tactical microphone to a law enforcement uniform and keep it supported in place, particularly when a law enforcement officer is being physically active, such as, for example, while pursuing a suspect. Preferably, the tactical microphone support attaches to at least one button on a law enforcement shirt, **Abstract of Webster.***

*Webster discloses a button mount assembly that is used for a microphone support. The button mount assembly includes a slotted plate that has a slot for receipt of a button through the slot. The button is located on the clothing of a uniform, **Figures 1-3 and Column 6, Lines 5-28 of Webster.** It would have been obvious and well-known to one of ordinary skill in the art at the time of the invention to enable the camera component in the teachings of Dischinger and Kashiwa to be housed in a button mount assembly that includes a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user as taught Webster, because this helps provide adequate support to the camera component (communication device) even when the user is in motion while also providing the added benefits of being efficient, inexpensive and hand, **Column 1, Lines 31-60 of Webster).***

Allowable Subject Matter

Claim 8 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRITHAM PRABHAKHER whose telephone number is (571)270-1128. The examiner can normally be reached on M-F (7:30-5:00) Alt Friday's Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roberto Velez can be reached on (571)272-8597. 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.

Pritham David Prabhakher
Patent Examiner
Pritham.Prabhakher@uspto.gov
/PRITHAM PRABHAKHER/
Examiner, Art Unit 2662

/TIMOTHY J HENN/
Primary Examiner, Art Unit 2662

Notice of References Cited	Application/Control No. 14/040,329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER	Art Unit 2662	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2009/0141129 A1	06-2009	Dischinger, Craig A.	348/158
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*	C	US-5,752,632	05-1998	Sanderson et al.	224/182
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Receipt date: 09/27/2013

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

14040329 - GALL: 2662

Approved for use through 07/31/2012. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	8503972	B2	2013-08-06	HALER et al.			
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Receipt date: 09/27/2013 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		14040329 - GAU: 2662
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	First Named Inventor	PHILLIPS, Steve	
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	Attorney Docket Number	44566	

Examiner Initials*	Cite No	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, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	TASER AXON Body On Officer Video/Police Body Camera, http://www.taser.com/products/on-officer-video/axon-body-on-officer-video , September 23, 2013, Date Posted: Unknown, pgs. 1-8.	☐
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	3	VIEVU Products, http://www.viewu.com/viewu-products/viewu-squared/ , September 25, 2013, Date Posted: Unknown, pgs. 1-2.	☐
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12	ecplaza HY-001HD law enforcement DVR, http://fireeye.en.ecplaza.net/law-enforcement-dvr-238185-1619696.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
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23	Veho MUVI portable wireless speaker with dock, http://veho-uk.fastnet.co.uk/main/shop.aspx?category=camcorder , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
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36	Amazon.com wearable camcorders, http://www.amazon.com/s/ref=nb_sb_ss_i_0_4?uri=search-alias%3Dphoto&field-keywords=wearable+camcorder&x=0&y=0&srefix=wear , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐

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CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jennifer C. Bailey/	Date (YYYY-MM-DD)	2013-09-27
Name/Print	Jennifer C. Bailey	Registration Number	52583

/Pritham Prabhakher/ (02/19/2014)

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 1 hour 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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S1	0	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2013/12/26 09:37
S2	0	"14040329"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2013/12/26 09:37
S3	0	04/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/02/19 11:00
S4	0	14/040329	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/02/19 11:00
S5	0	"14040329"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2014/02/19 11:00
S6	45	(Phillips-Steve.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2014/02/19 11:03
S7	0	(Phillips-Steve.in.) and camera.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2014/02/19 11:03
S8	0	(Troxel-Jason-R.in.) and camera.clm.	US-PGPUB;	OR	ON	2014/02/19

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:03
S9	1229	(348/373-376.ccls.) and (button same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 11:58
S10	1198	(348/373-376.ccls.) and (@ad<="20120928") and (button same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 11:59
S11	2	(348/373-376.ccls.) and (@ad<="20120928") and (button same camera same cloth\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:03
S12	145	(@ad<="20120928") and (button same camera same cloth\$3 same (attach\$3 or attachment\$1 or mount\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:04
S13	8	("224".clas.) and (@ad<="20120928") and (button same camera same pocket\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:11
S14	319	(@ad<="20120928") and (button same camera same pocket\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:12
S15	42	(@ad<="20120928") and (button same camera same pocket\$1 same clip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:12
S16	5	(348/373-376.ccls.) and (@ad<="20120928") and (cloth\$3 with clip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/02/19 12:14

			IBM_TDB			
S17	115	("348".clas.) and (@ad<="20120928") and (cloth\$3 with clip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:15
S18	315	("348".clas.) and (@ad<="20120928") and ((mount\$3 or attach\$3) with (user\$1 or person\$1) near3 (cloth\$3 or button or pocket\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:24
S19	6	("348".clas.) and (@ad<="20120928") and ((mount\$3 or attach\$3) with (user\$1 or person\$1) near3 (cloth\$3) with (button or pocket\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:25
S20	3	(@ad<="20120928") and ((mount\$3 or attach\$3) with (user\$1 or person\$1) near3 (cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:27
S21	5	(@ad<="20120928") and ((mount\$3 or attach\$3) same (user\$1 or person\$1) near3 (cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:28
S22	30	("6396403").URPN.	USPAT	OR	OFF	2014/02/19 12:30
S23	2	("340".clas.) and (@ad<="20120928") and ((user\$1 or person\$1) near3 (cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:31
S24	23	("340".clas.) and (@ad<="20120928") and ((cloth\$3) with button with pocket)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:32
S25	0	(340/194,230.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:34
S26	0	(340/194,230.ccls.) and	US-PGPUB;	OR	ON	2014/02/19

		(@ad<="20120928")	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:35
S27	19	(224/194,230.ccls.) and (@ad<="20120928") and (button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:35
S28	135	"348".clas. and (@ad<="20120928") and (pocket\$1 same button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:38
S29	481	("224".clas.) and (@ad<="20120928") and (pocket\$1 same button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:44
S30	251	("224".clas.) and (@ad<="20120928") and (pocket\$1 with button\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:44
S31	7	("224".clas.) and (@ad<="20120928") and (pocket\$1 with button\$1 with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:48
S32	0	("224".clas.) and (@ad<="20120928") and (pocket\$1 with button\$1 with slot with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:49
S33	6	(@ad<="20120928") and (pocket\$1 with button\$1 with slot with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:49
S34	0	(@ad<="20120928") and (pocket\$1 same button\$1 same slot same shirt same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/02/19 12:51

			IBM_TDB			
S35	2	(@ad<="20120928") and (pocket\$1 same button\$1 same slot same (clothing\$1 or shirt\$1) same camera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:51
S36	44	(@ad<="20120928") and (pocket\$1 same button\$1 same slot same (clothing\$1 or shirt\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:52
S37	22	("224".clas.) and (@ad<="20120928") and (button\$1 with shirt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 12:54
S38	2	10/386892	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/19 13:36
S39	26	(US-20110248060-\$ or US-20050231356-\$ or US-20050200750-\$ or US-20120019641-\$ or US-20090213204-\$ or US-20090027499-\$ or US-20100001170-\$ or US-20090193693-\$ or US-20130043144-\$ or US-20040155079-\$ or US-20100171021-\$ or US-20050035161-\$ or US-20050023316-\$ or US-20030215010-\$).did. or (US-8079501-\$ or US-8077029-\$ or US-6563532-\$ or US-8264558-\$ or US-6934461-\$ or US-7978263-\$ or US-7456875-\$ or US-6396403-\$ or US-D473152-\$ or US-5067642-\$ or US-8073131-\$ or US-8408513-\$).did.	US-PGPUB; USPAT	OR	OFF	2014/02/19 14:03
S40	12	S39 and (button same (shirt or pocket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/19 14:04
S41	0	("2005/0023316").URPN.	USPAT	OR	OFF	2014/02/19 14:06
S42	9920	((attach\$3 or secur\$3 or slid\$3) with button with slot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 14:11
S43	102	("224".clas.) and ((attach\$3 or secur\$3 or	US-PGPUB;	OR	ON	2014/02/19

		slid\$3) with button with slot)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:11
S44	0	("2009/0108037").URPN.	USPAT	OR	OFF	2014/02/19 14:33
S45	1499	("224".clas.) and ((attach\$3 or secur\$3 or slid\$3 or mount\$3) with button)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 14:39
S46	143	("224".clas.) and ((attach\$3 or secur\$3 or slid\$3 or mount\$3) with button same (shirt or cloth\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 14:40
S47	514	((attach\$3 or secur\$3 or slid\$3 or mount\$3) with button same (shirt or cloth\$3)) and (camera or pda)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:04
S48	9	S39 and (gps)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/19 15:10
S49	9	("2003/0215010").URPN.	USPAT	OR	OFF	2014/02/19 15:13
S50	723	(button near2 clip) and (camera or pda)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:19
S51	102	("348".clas.) and (@ad<="20120928") and (button near2 clip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:19
S52	9	("348".clas.) and (@ad<="20120928") and (button adj clip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/19 15:19
S53	40	("348".clas.) and (@ad<="20120928") and	US-PGPUB;	OR	ON	2014/02/19

		(button near1 clip)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:20
S54	4	("20080030580" "5726660" "5886739" "7483485").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/19 15:38
S63	1	12/176977	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/20 09:36
S64	36	("1932581" "20020030071" "20040069823" "20080078792" "20080164291" "20080237282" "20080305840" "20100018015" "20100270345" "2085184" "2505551" "2616985" "3586798" "3604069" "3808642" "4040547" "4100653" "4700397" "5163093" "5268965" "5752632" "5771303" "5806146" "5831198" "5850613" "6149043" "6201877" "6283348" "6333984" "6757401" "7013492" "7784157").PN. OR ("8175314").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/20 09:37
S65	12	"5752632"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/20 09:38
S66	8	("5752632").URPN.	USPAT	OR	OFF	2014/02/20 09:39
S67	9	("2003/0215010").URPN.	USPAT	OR	OFF	2014/02/20 10:03
S68	15	("20030174773" "5014079" "5689442" "5808663" "6104705" "6201562" "6360003" "6681120" "6934461" "7133537").PN. OR ("7456875").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/20 10:20
S69	21	("20030081935" "20040015467" "20040091111" "3542457" "4051534" "4398799" "4425586" "4516157" "4797736" "5091719" "5189512" "5886739" "6563532" "6988144").PN. OR ("7483485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2014/02/20 10:44
S70	794	(348/143-158.ccls.) and (@ad<="20120928") and (trigger\$3 with event\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/20 11:21
S71	246	(348/143-158.ccls.) and (@ad<="20120928") and ((trigger\$3 with event\$1) same (automat\$3 or auto or	US-PGPUB; USPAT; USOCR;	OR	ON	2014/02/20 11:21

		automatical\$2))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S72	25	(348/158.ccls.) and (@ad<="20120928") and (trigger\$3 with event\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/20 11:25
S73	77	(348/158.ccls.) and (@ad<="20120928") and (police or officer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/20 11:26
S75	2	11/948020	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/02/24 10:48
S76	44	(US-20110248060-\$ or US-20050231356-\$ or US-20050200750-\$ or US- 20120019641-\$ or US-20090213204-\$ or US-20090027499-\$ or US-20100001170-\$ or US-20090193693-\$ or US- 20130043144-\$ or US-20040155079-\$ or US-20100171021-\$ or US-20050023316-\$ or US-20030215010-\$ or US- 20090108037-\$ or US-20130320055-\$ or US-20130175309-\$ or US-20080030580-\$ or US-20080078792-\$ or US- 20090141129-\$).did. or (US-8079501-\$ or US-8077029-\$ or US-6563532-\$ or US- 8264558-\$ or US-6934461-\$ or US- 7978263-\$ or US-7456875-\$ or US- 6396403-\$ or US-D473152-\$ or US- 5067642-\$ or US-8073131-\$ or US- 8408513-\$ or US-8579172-\$ or US- 5857601-\$ or US-8652038-\$ or US- 6667771-\$ or US-5726660-\$ or US- 5886739-\$ or US-7483485-\$ or US- 8175314-\$ or US-1932581-\$ or US- 2085184-\$ or US-2505551-\$ or US- 5752632-\$ or US-8489065-\$).did.	US-PGPUB; USPAT	OR	OFF	2014/02/24 15:28
S77	1	S76 and ((auto or automat\$3 or automatically) with (captur\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/24 15:29

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S56	54	((attach\$3 with (camera or device or pda) with	US-	OR	OFF	2014/02/19

		shirt with button)	PGPUB; USPAT; UPAD			15:41
S57	32	("1932581" "20020030071" "20040069823" "20080078792" "20080164291" "20080237282" "20080305840" "20100018015" "20100270345" "2085184" "2505551" "2616985" "3586798" "3604069" "3808642" "4040547" "4100653" "4700397" "5163093" "5268965" "5752632" "5771303" "5806146" "5831198" "5850613" "6149043" "6201877" "6283348" "6333984" "6757401" "7013492" "7784157").PN. OR ("8175314").URPN.	US- PGPUB; USPAT	OR	OFF	2014/02/19 15:44
S58	30	((secur\$3 or mount\$3 or slid\$3) with (camera or device or pda) with shirt with button)	US- PGPUB; USPAT; UPAD	OR	OFF	2014/02/19 15:48
S59	0	("8175314").URPN.	USPAT	OR	OFF	2014/02/19 15:49
S60	179	((camera or device or pda) with shirt with button)	US- PGPUB; USPAT; UPAD	OR	OFF	2014/02/19 16:07
S61	274	((camera or device or pda) with shirt with button)	US- PGPUB; USPAT; UPAD	OR	ON	2014/02/19 16:07
S62	47	((secur\$3 or mount\$3 or slid\$3) with (camera or device or pda) with shirt with button)	US- PGPUB; USPAT; UPAD	OR	ON	2014/02/19 16:07
S74	1	("2005/0035161").URPN.	USPAT	OR	OFF	2014/02/20 09:25
S78	1	"Term Removed"	US- PGPUB	OR	OFF	2014/02/24 15:28

2/ 25/ 2014 12:47:48 PM

C:\Users\pprabhakher\Documents\EAST\Workspaces\14040329.wsp

<i>Index of Claims</i> 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

✓	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	12/31/2013	02/25/2014						
	1	÷	✓						
	2	÷	✓						
	3	÷	✓						
	4	÷	✓						
	5	÷	✓						
	6	÷	✓						
	7	÷	✓						
	8	÷	O						
	9	÷	✓						
	10	÷	✓						
	11	÷	N						
	12	÷	N						
	13	÷	N						
	14	÷	N						
	15	÷	N						
	16	÷	N						
	17	÷	N						
	18	÷	✓						
	19	÷	✓						
	20	÷	N						

Search Notes 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	143-158,373-376	2/25/2014	PP
340	194,230	2/25/2014	PP

SEARCH NOTES		
Search Notes	Date	Examiner
On East [US-PGPUB, USPA, USOCR, EPO, JPO, DERWENT, IBM_TDB] SEE SEARCH TERMS ATTACHED	2/25/2014	PP
Inventor Name Search	2/25/2014	PP

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

/PRITHAM PRABHAKHER/
Examiner.Art Unit 2662



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BIB DATA SHEET

CONFIRMATION NO. 4686

SERIAL NUMBER 14/040,329	FILING or 371(c) DATE 09/27/2013 RULE	CLASS 348	GROUP ART UNIT 2662	ATTORNEY DOCKET NO. 2539-10.01	
APPLICANTS Digital Ally, Inc., Lenexa, KS, Assignee (with 37 CFR 1.172 Interest); INVENTORS Steve Phillips, Olathe, KS; Jason R. Troxel, Lee's Summit, MO; ** CONTINUING DATA ***** This appln claims benefit of 61/707,348 09/28/2012 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 10/16/2013					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and /PRITHAM DAVID PRABHAKHER/ Acknowledged Examiner's Signature	☐ Met after Allowance PDP Initials	STATE OR COUNTRY KS	SHEETS DRAWINGS 18	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS Erise IP, P.A. 6201 College Blvd Suite 300 Overland Park, KS 66211 UNITED STATES					
TITLE PORTABLE VIDEO AND IMAGING SYSTEM					
FILING FEE RECEIVED 1030	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		



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/040,329	09/27/2013	Steve Phillips	2539-10.01

CONFIRMATION NO. 4686

POA ACCEPTANCE LETTER



118925
Erise IP, P.A.
6201 College Blvd
Suite 300
Overland Park, KS 66211

Date Mailed: 02/05/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/27/2014.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/kgebremichael/

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



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/040,329	09/27/2013	Steve Phillips	2539-10.01

23589
Hovey Williams LLP
10801 Mastin Blvd., Suite 1000
Overland Park, KS 66210

CONFIRMATION NO. 4686

POWER OF ATTORNEY NOTICE



OC000000066324363*

Date Mailed: 02/05/2014

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/27/2014.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/kgebremichael/

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

APPLICATION OF:

PHILLIPS, Steve et al.

Serial No.: 14/040,329

Filed: September 27, 2013

PORTABLE VIDEO AND IMAGING
SYSTEM

Docket No.: 2539-10.01

Confirmation No.: 4686

Group Art Unit No.: 2662

Customer No.: 118925

Examiner: PRABHAKHER, Pritham D.

Mail Stop Amendment
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

In response to the Restriction Requirement dated January 2, 2014, Applicant respectfully requests amendment of the present application.

A **Listing of the Claims** begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

Listing of the Claims:

1. (Original) A portable video system comprising:

a camera component for capturing video of an event, said camera component comprising

a camera housed within a housing having a size configured to mount on a user's

body,

said housing of the camera component including an input to instruct recording by the

camera;

a recording component comprising a processor and a memory associated with the camera

for storing the captured video; and

a mounting assembly for mounting the camera to the user's body, the mounting assembly

being a button-mount assembly including a slotted plate presenting a slot for

receipt of a button through the slot, wherein the button is located on a clothing

article of the user.
2. (Original) The portable video system of claim 1, wherein said camera comprises

an image sensor and a lens.
3. (Original) The portable video system of claim 2, wherein said camera

component is operable to capture the event for a predetermined period of time prior to the user

actuating the input to instruct recording by the portable video system.

4. (Original) The portable video system of claim 1,
wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a general longitudinal axis of said slotted plate, and
wherein the slot is open at a lower end of the slotted plate and closed at a general upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from a general front of the slotted plate and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate.

5. (Original) The portable video system of claim 4,
wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from the front of the slotted plate to present a longitudinal track between said front of the slotted plate and the mounting bracket, and
wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket.

6. (Original) The portable video system of claim 5, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

7. (Original) The portable video system of claim 5, wherein the camera is configured to be coupled with the mounting bracket of the button-mount assembly.

8. (Original) The portable video system of claim 7,
wherein the camera includes a front side and a rear side, and wherein said rear side of the camera has a recessed seat, and

wherein the mounting bracket includes a ledge configured to interfit in said recessed seat of the camera to secure the camera to the button-mount assembly.

9. (Original) The portable video system of claim 1,
wherein said housing for the camera is a first housing,
wherein said processor and memory are stored in a second housing, and
wherein the second housing is physically separated from the first housing.

10. (Original) The portable video system of claim 9, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

11. (Withdrawn) A portable video system comprising:
- a camera for capturing video of an event, said camera housed within a housing having a size configured to mount on a user's body;
- a processor and a memory associated with the camera for storing the captured video; and
- a mounting assembly for mounting the camera to the user's body, the mounting assembly being a clip configured for grasping a clothing article of the user.
12. (Withdrawn) The portable video system of claim 11,
- wherein the clip includes at least two plates pivotably secured together at a general end of each plate, such that each plate pivots with respect to the other plate to position the plates in either of a closed position or an open position,
- wherein when the plates are pivoted towards each other, the plates are in the closed position,
- wherein when the plates are pivoted away from each other, the plates are in the open position, and
- wherein when in the open position, the user can secure the plates around the clothing article of the user.
13. (Withdrawn) The portable video system of claim 12, wherein a spring is interposed between the plates at the end where the plates are pivotably secured together to provide a resilient tension that pivots the plates to a closed position unless the plates are otherwise actuated by the user.

14. (Withdrawn) The portable video system of claim 11,
wherein the camera includes a front side and a rear side, and wherein said rear side of the camera has a recessed seat, and

wherein at least one of the plates of the clip has a raised seat formed on an outward face of the plate and that is configured to interfit with the recessed seat of the camera to secure the camera to the clip.

15. (Withdrawn) The portable video system of claim 11,
wherein said housing for the camera is a first housing,
wherein said processor and memory are stored in a second housing, and
wherein the second housing is physically separated from the first housing.

16. (Withdrawn) The portable video system of claim 15, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

17. (Withdrawn) The portable video system of claim 11,
wherein said camera comprises an image sensor and a lens, and
wherein said camera is operable to capture the event for a predetermined period of time prior to the user actuating a power on input for the portable video system.

18. (Original) A portable video system comprising:
a camera for capturing video of an event, said camera housed within a first housing
having a size configured to mount on a user's body;
a video recording device housed within a second housing and operable to record the
captured video of the event,
said video recording device being communicatively coupled with the camera housed
within the first housing,
said video recording device including a processor and a memory for storing said captured
video of the event,
said second housing being physically separated from said first housing; and
a mounting assembly for mounting at least the camera to a user's body or a clothing
article.

19. (Original) The portable video system of claim 18, wherein said mounting
assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a
button through the slot, wherein the button is located on a clothing article of the user.

20. (Withdrawn) The portable video system of claim 18,
wherein said mounting assembly is a clip,
wherein the clip includes at least two plates pivotably secured together at a general end of
each plate, such that each plate pivots with respect to the other plate to position the plates in
either of a closed position or an open position,

wherein when the plates are pivoted towards each other, the plates are in the closed position,

wherein when the plates are pivoted away from each other, the plates are in the open position, and

wherein when in the open position, the user can secure the plates around the clothing article of the user.

Remarks:

Claims 1-20 were originally filed and thus, previously pending. By way of this Response, Applicant has withdrawn claims 11-17 and 20, such that claims 1-10 and 18-19 are original and pending, with claims 1 and 18 being independent.

In the Office Action, the Examiner issued a species restriction of Species I, illustrated in Figs. 2-7; Species II, illustrated in Figs. 8-9; Species III, illustrated in Fig. 10; Species IV, illustrated in Figs. 11-17; Species V, illustrated in Figs. 18-20; Species VI, illustrated in Figs. 21-25; Species VII, illustrated in Figs. 26-27; and Species VIII, illustrated in Figs. 28-29. The Examiner further stated that none of the claims are held to be generic.

In response to the Office Action, Applicant elects, *without traverse*, that the species of Species I, Figs. 2-7 be examined in the present application. However, Applicant further submits that claim 18 is generic to each of the illustrated species.

In more detail, each of the species, except for Species VIII, illustrates a camera for capturing video of an event, wherein the camera is housed within a first housing; a video recording device housed within a second housing, wherein each of the first and second housings are physically separated; and a mounting assembly for mounting at least the camera to a user's body or a clothing article. This is the general invention claimed in independent claim 18. In contrast, claims 1-10 and 19 are directed to the button-mount assembly of Species I, Figs 2-7, and claims 11-17 are directed to the clip-mount assembly of Species II, Figs. 8-9. Because claim 18 is generic to the type of mounting assembly, except that the mounting assembly is for mounting at least the camera to a user's body or a clothing article, Applicant submits that claim 18 is generic.

In sum, Applicant elects Species I but further submits that claim 18 is generic.

Application No. 14/040,329
Response to Restriction Requirement Dated January 31, 2014
Restriction Requirement Dated January 2, 2014

Applicant submits that claims 1-10 and 18-19 are in allowable condition and requests a corresponding Notice of Allowance. Any additional fee that might be due in connection with this application should be applied against Deposit Account No. 50-6159.

Respectfully submitted,

ERISE IP, P.A.

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
6201 College Blvd., Ste. 300
Overland Park, KS 66211
(913) 777-5600

ATTORNEYS FOR APPLICANT

(Docket No. 2539-10.01)

Electronic Acknowledgement Receipt

EFS ID:	18084883
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	118925
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	31-JAN-2014
Filing Date:	27-SEP-2013
Time Stamp:	16:07:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		Response_to_Restriction_Requirement_as_Filed_10_01.pdf	113761 f60d037cd3d2c465329793691d01fab8942 aacb2	yes	10

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Response to Election / Restriction Filed	1	1
	Claims	2	8
	Applicant Arguments/Remarks Made in an Amendment	9	10
Warnings:			
Information:			
Total Files Size (in bytes):		113761	
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.			

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/040,329	Filing Date 09/27/2013	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

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

AMENDMENT	(Column 1)	(Column 2)	(Column 3)	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	01/31/2014	CLAIMS REMAINING AFTER AMENDMENT					
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X \$40 =	0
	Independent (37 CFR 1.16(h))	* 3	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
AMENDMENT	(Column 1)	(Column 2)	(Column 3)	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
		CLAIMS REMAINING AFTER AMENDMENT					
	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.							

SLIE
/HELENA PAYTON/

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.

**REVOCATION OF POWER OF ATTORNEY AND
GENERAL POWER OF ATTORNEY BEFORE THE
UNITED STATES PATENT & TRADEMARK OFFICE**

I hereby revoke all previous powers of attorney given in the application or patent identified in the attached Statement Under 37 C.F.R. § 3.73(b) or 37 C.F.R. § 3.73(c) (hereafter referred to as "Statement"), whichever is applicable.

I hereby appoint the practitioners associated with the following Customer Number

118925

as attorneys and agents to represent the undersigned assignee before the U.S. Patent & Trademark Office (PTO) in connection with any and all patent applications or patents assigned to the undersigned assignee according to the PTO assignment records or assignment documents attached to this form and identified on the Statement.

The correspondence address for the application identified in the attached Statement shall be the address associated with Customer Number 118925.

Assignee Name and Address:

**Digital Ally, Inc.
9705 Loiret Boulevard
Lenexa, Kansas 66219**

A Statement is attached. A copy of this General Power of Attorney and a Statement are required to be filed in each application in which this General Power of Attorney is used. The Statement may be completed by one of the practitioners appointed in this General Power of Attorney if the appointed practitioner is authorized to act on behalf of the assignee.

The individual whose signature and title are supplied below is authorized to sign on behalf of the assignee.

Printed Name: Stanton E. Ross

Signature: Stanton E. Ross

Title: CEO

Date: 12-5-12

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: Digital Ally, Inc.

Application No./Patent No.: 14/040,329 Filed/Issue Date: September 27, 2013

Titled: PORTABLE VIDEO AND IMAGING SYSTEM

Digital Ally, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 031366, Frame 0174, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). 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. 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.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Jennifer C. Bailey/

January 27, 2014

Signature

Date

Jennifer C. Bailey

52,583

Printed or Typed Name

Title or Registration 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.

Electronic Acknowledgement Receipt

EFS ID:	18032999
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	23589
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	27-JAN-2014
Filing Date:	27-SEP-2013
Time Stamp:	15:11:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	Power_of_Attorney_as_Filed_10_01.pdf	165413 3686a590e32add74a57e2a0f3284b4f1b6d92b7	no	1

Warnings:

Information:

2	Assignee showing of ownership per 37 CFR 3.73.	Statement_as_Filed_10_01.pdf	118130 6c006c82eabf27645418a37577285d79cf78124f	no	3
Warnings:					
Information:					
Total Files Size (in bytes):			283543		
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.					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:
PHILLIPS, Steve et al.
Serial No.: 14/040,329
Filed: September 27, 2013
PORTABLE VIDEO AND IMAGING
SYSTEM

Docket No.: 2539-10.01
Confirmation No.: 4686
Group Art Unit No.: 2662
Customer No.: 118925
Examiner: PRABHAKHER, Pritham D.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUBMISSION OF REPLACEMENT DRAWINGS

Enclosed herewith are 18 sheets of Patent Office drawings for filing in association with the above-identified application.

Applicant respectfully requests that the attached drawings replace the originally filed in the present application and be included in any patent issuing from the present application.

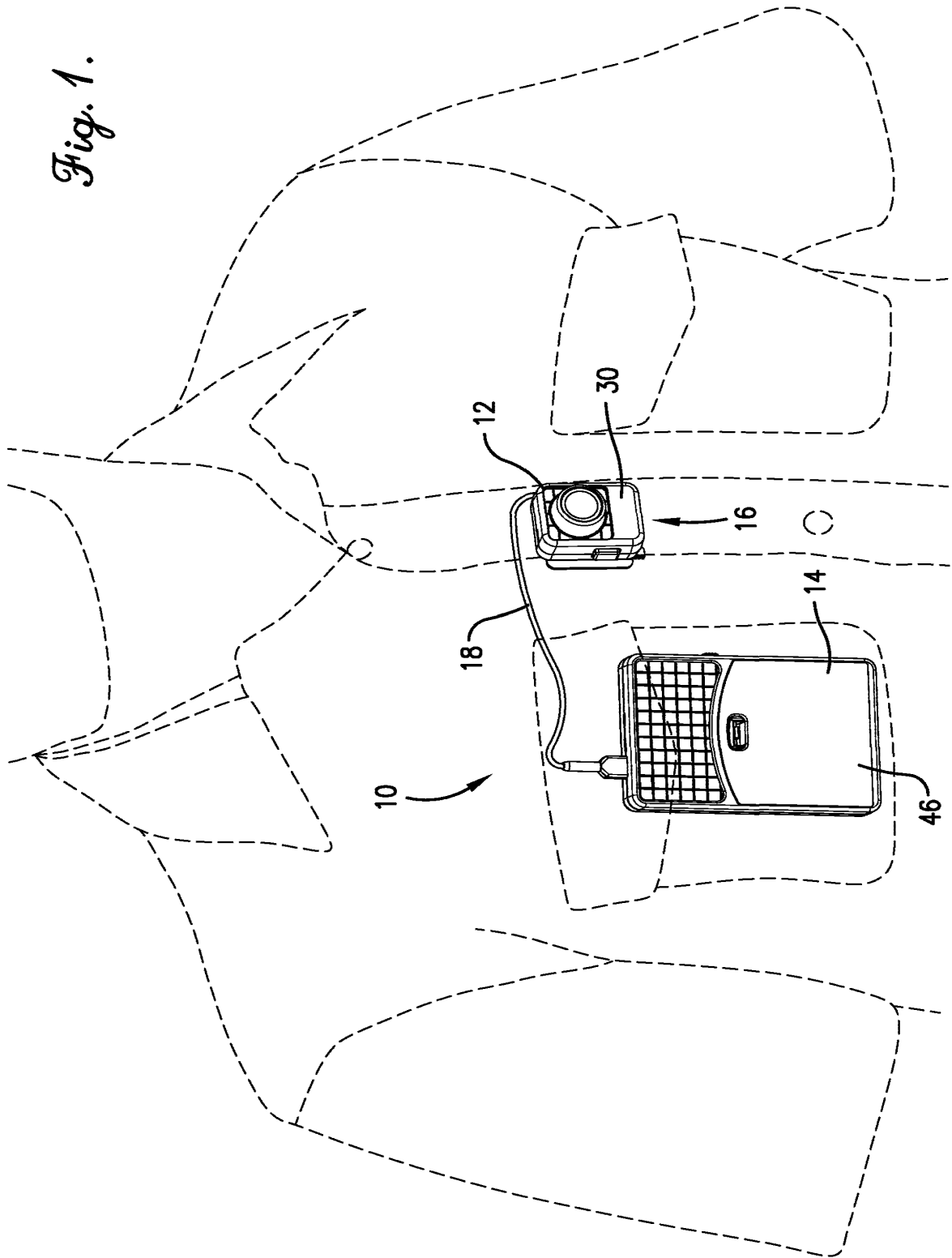
Any fee that might be due in connection with this Submission should be applied against our Deposit Account No. 506159.

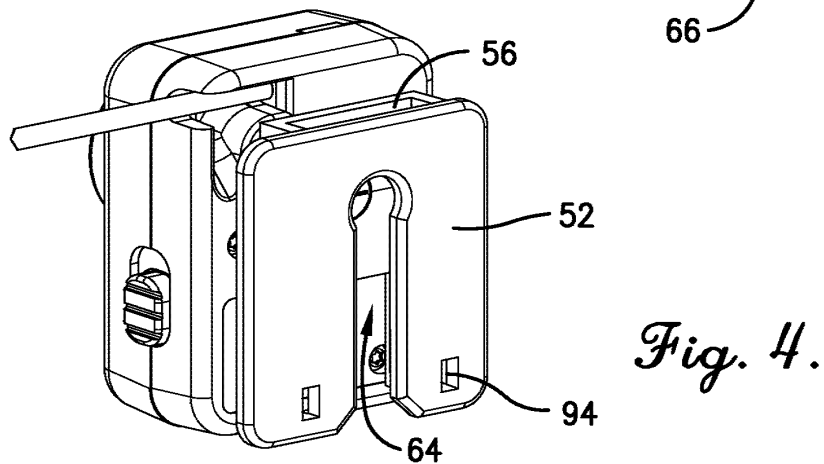
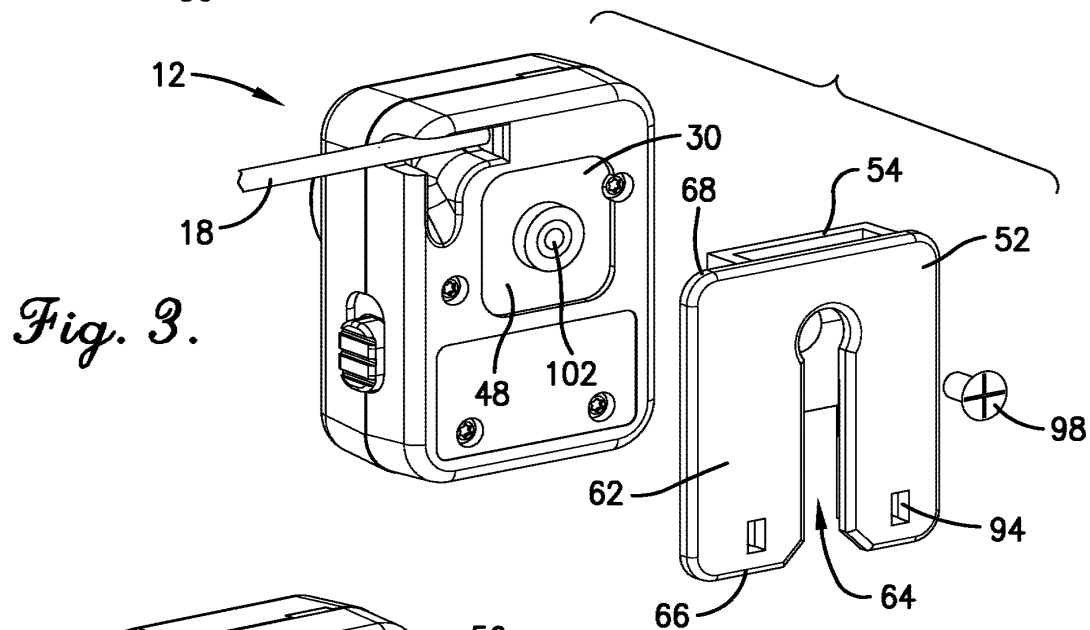
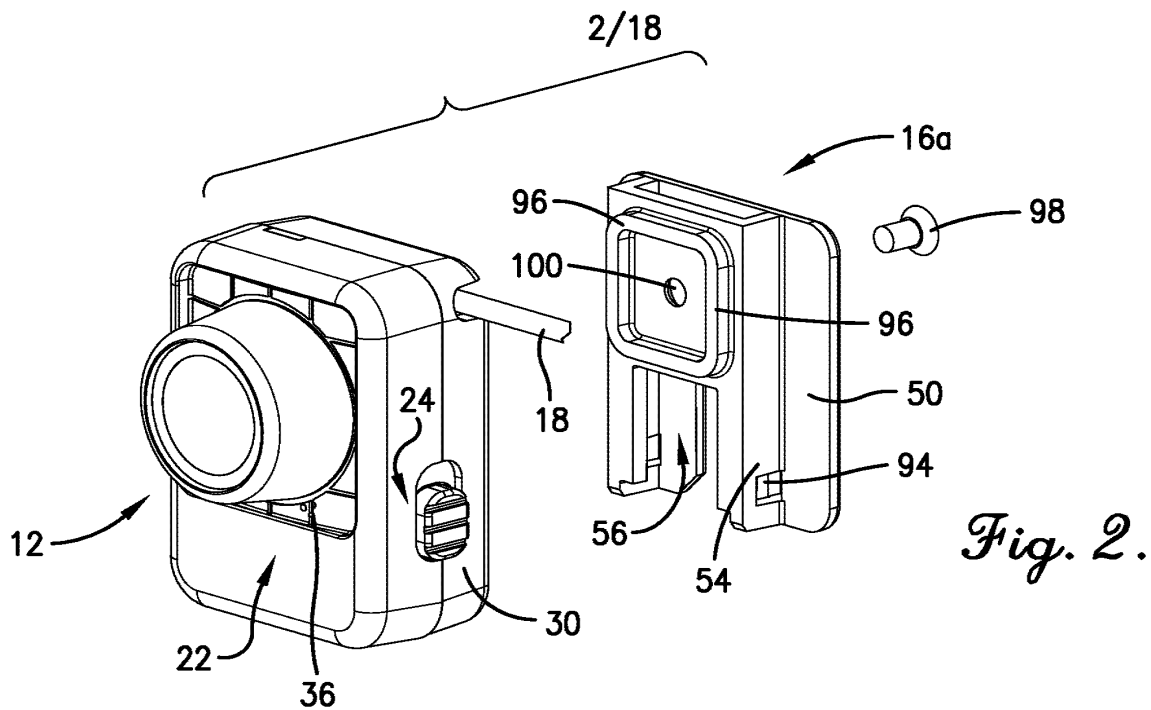
Respectfully submitted,

By: /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
Erise IP, P.A.
6201 College Boulevard
Suite 300
Overland Park, Kansas 66211
913-777-5600

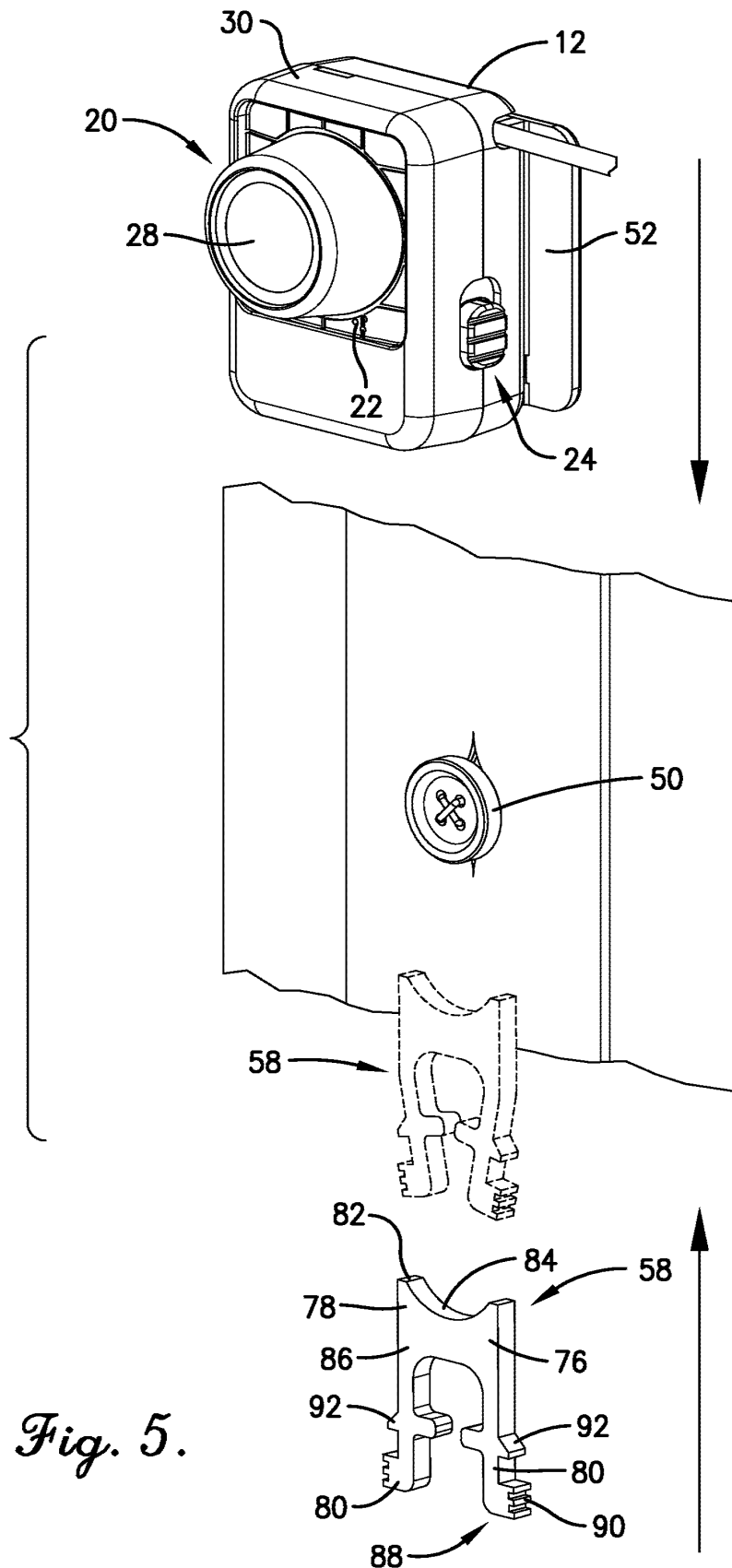
ATTORNEYS FOR APPLICANT(S)

Fig. 1.





3/18



4/18

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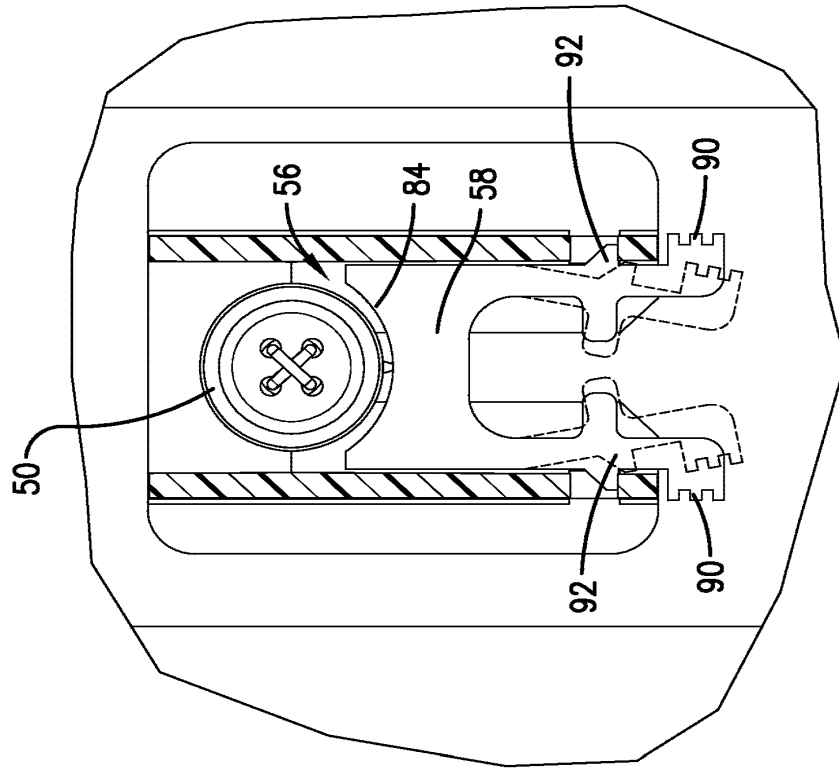


Fig. 7.

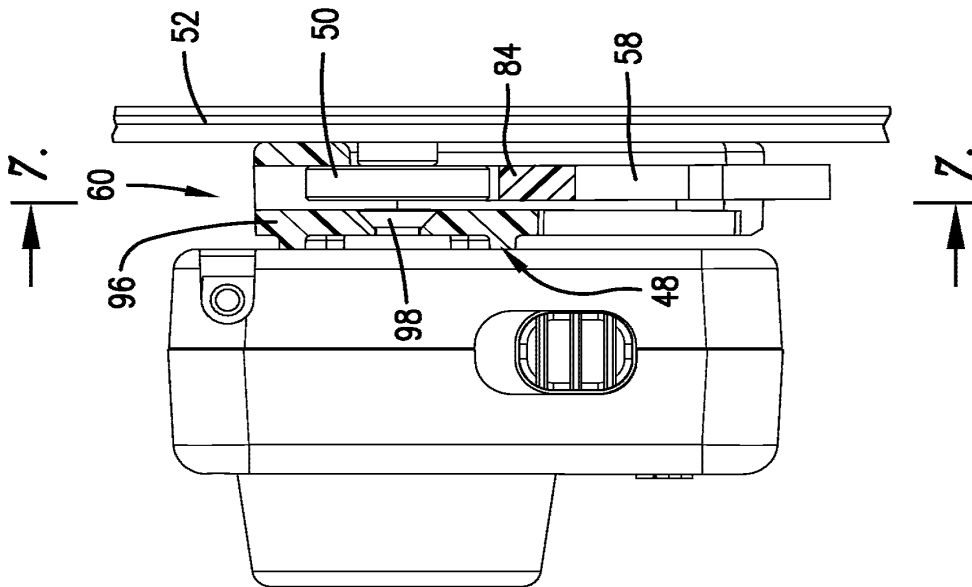
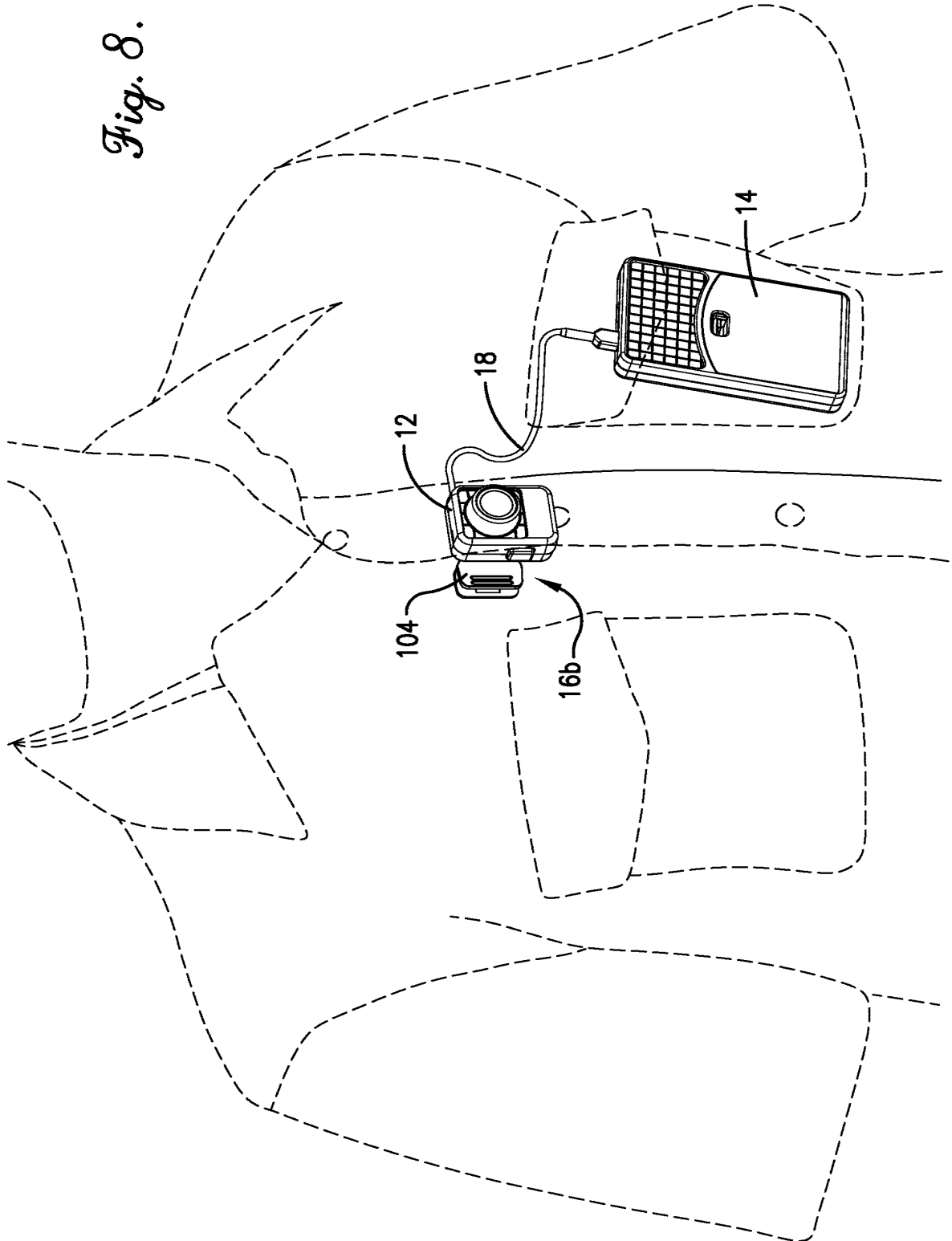


Fig. 6.

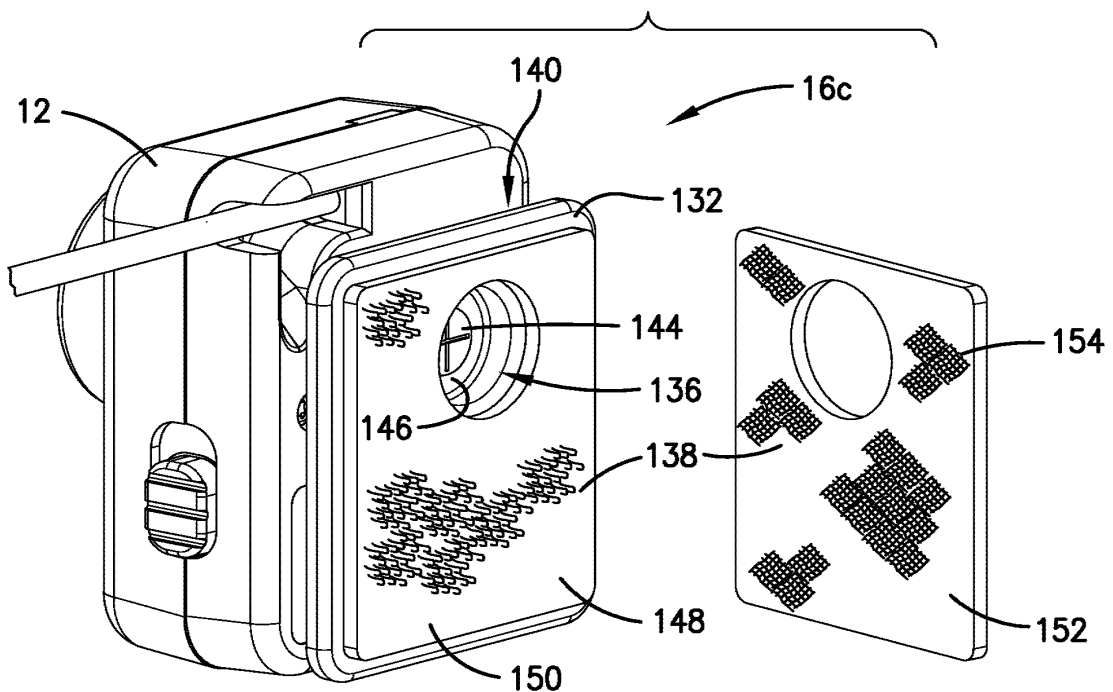
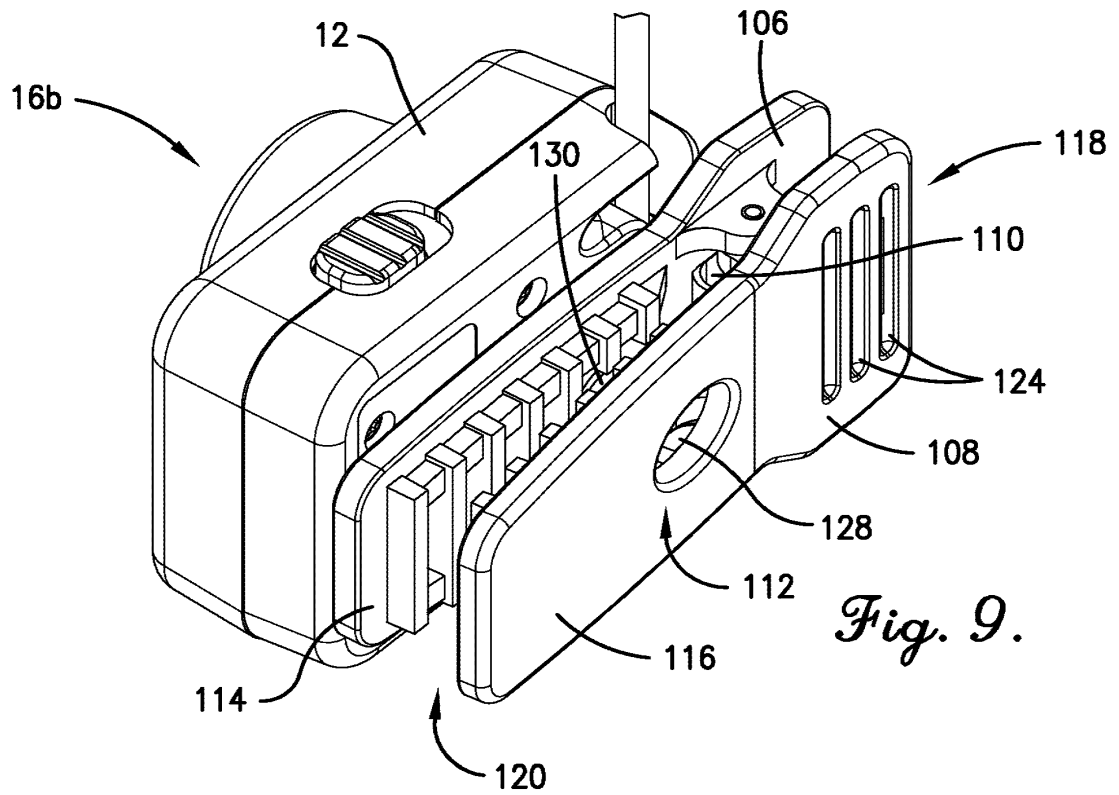
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Fig. 8.



6/18

+



+



This exploded perspective view illustrates the assembly of a medical device. The main components are shown in an exploded state to reveal their internal structure and how they fit together. Key parts include a base unit (12) with a handle (18), a control unit (14) with a display (158) and a keypad (168), a connector (160) with a cable (174), and a probe (186). The assembly is shown in a disassembled state, with various components labeled with reference numerals: 12, 18, 48, 106, 108, 112, 122, 128, 162, 166, 168, 174, 186, 192, 196, 200, 204, 210, and 206. The device is designed for use in a medical setting, possibly for monitoring or diagnosis.

Fig. 12.

9/18

+

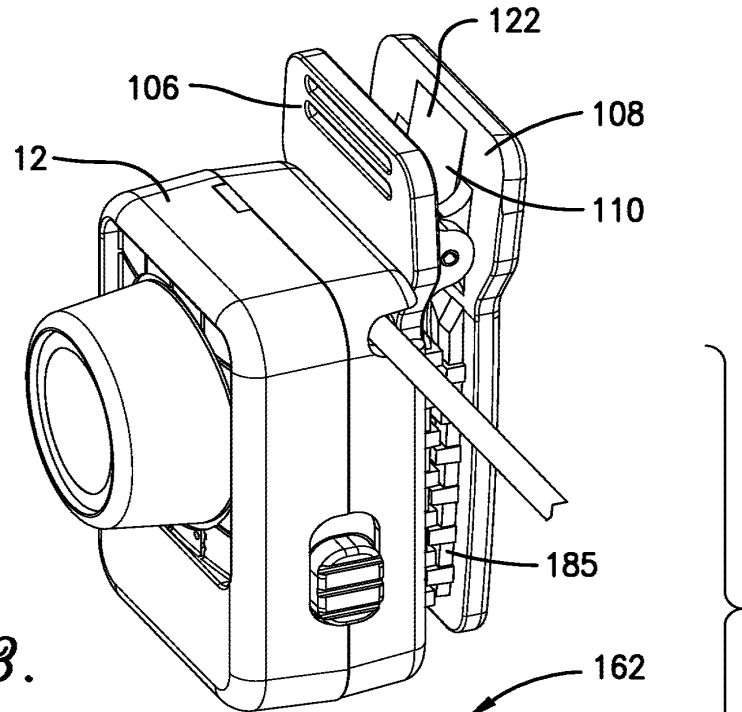


Fig. 13.

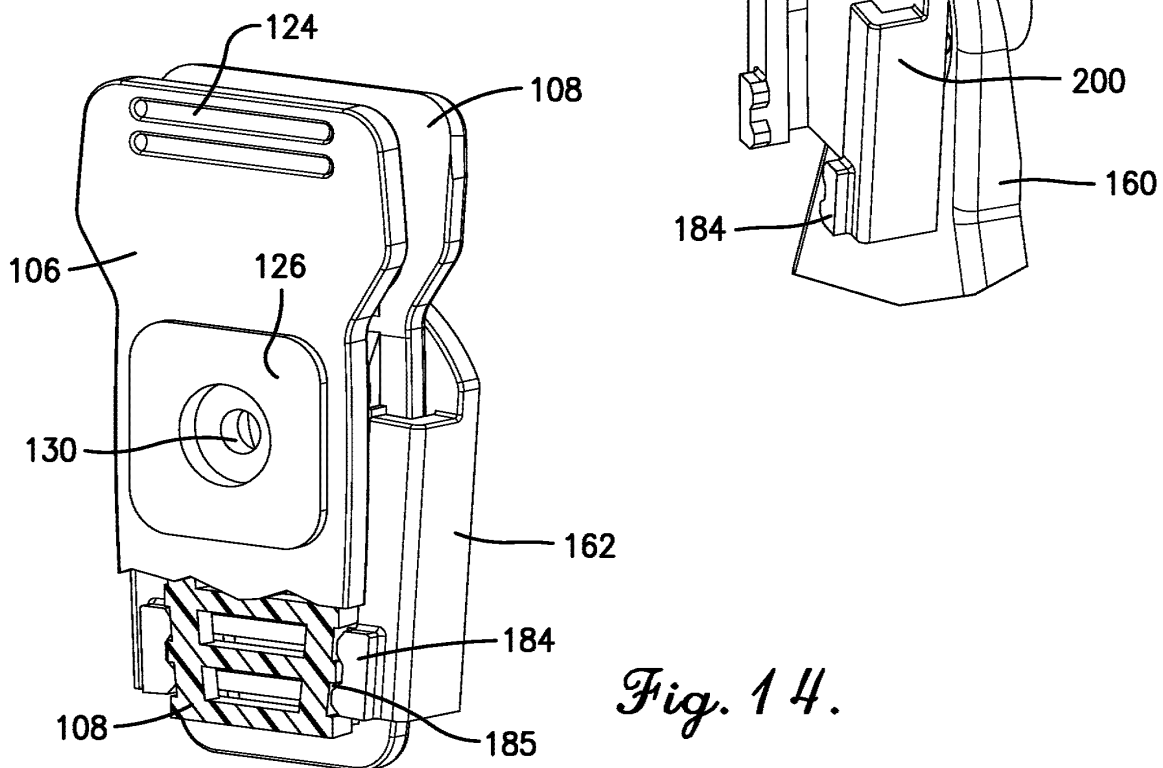


Fig. 14.

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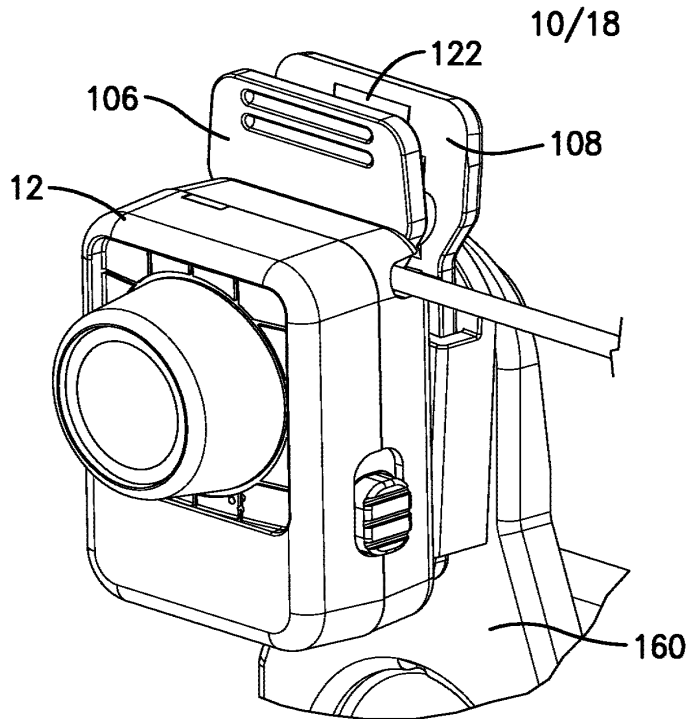


Fig. 15.

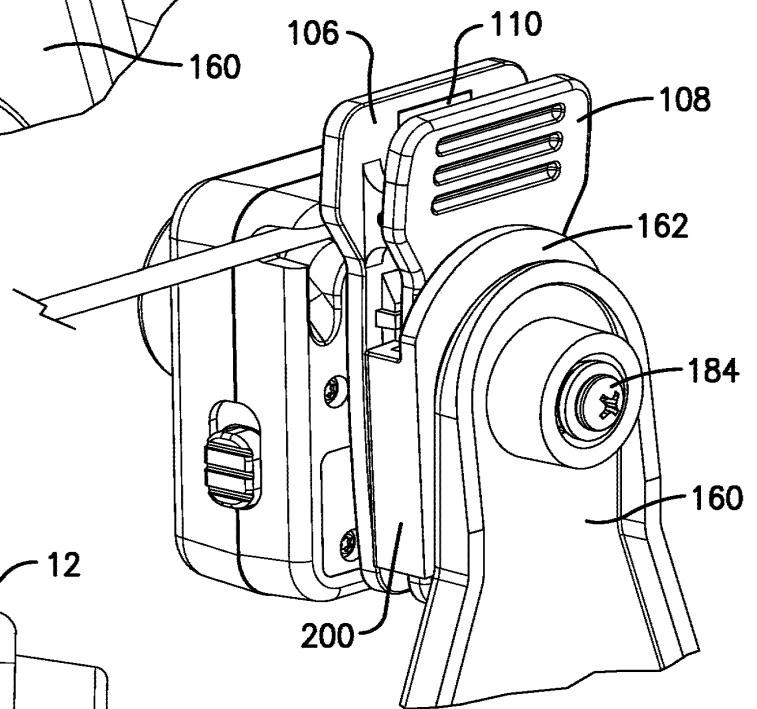


Fig. 16.

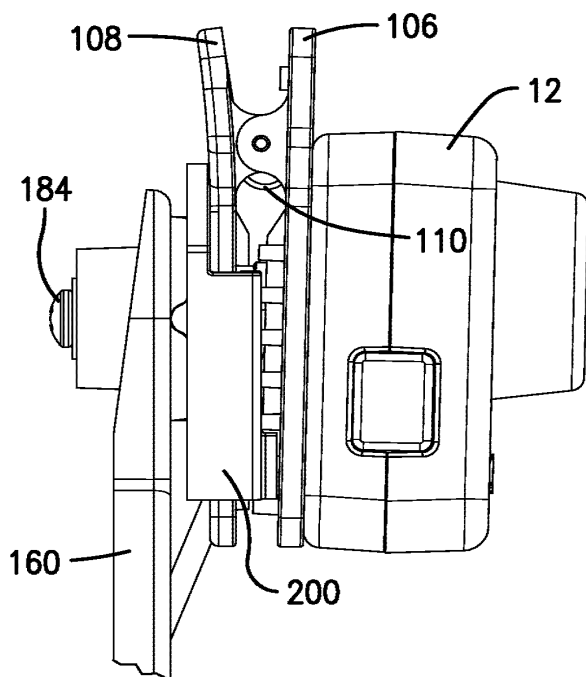


Fig. 17.



12/18

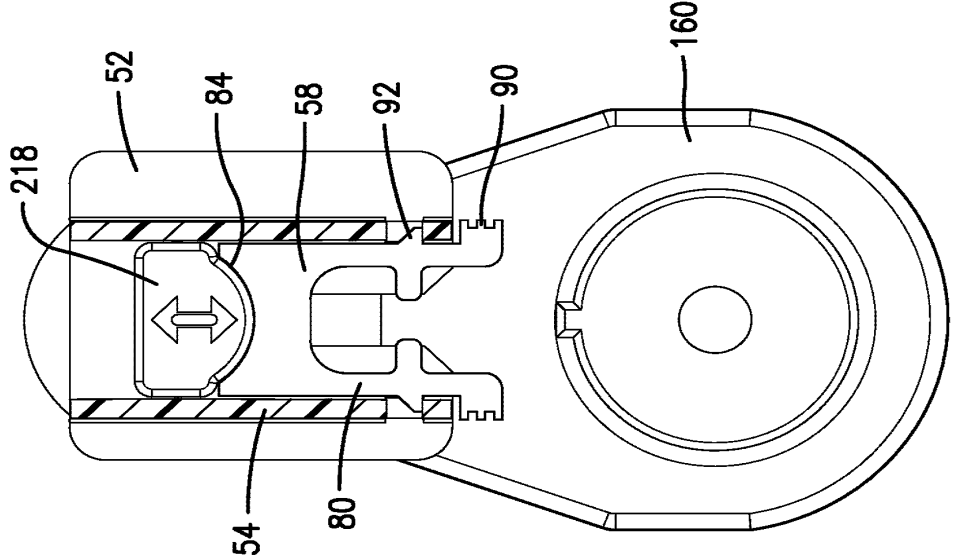


Fig. 20.

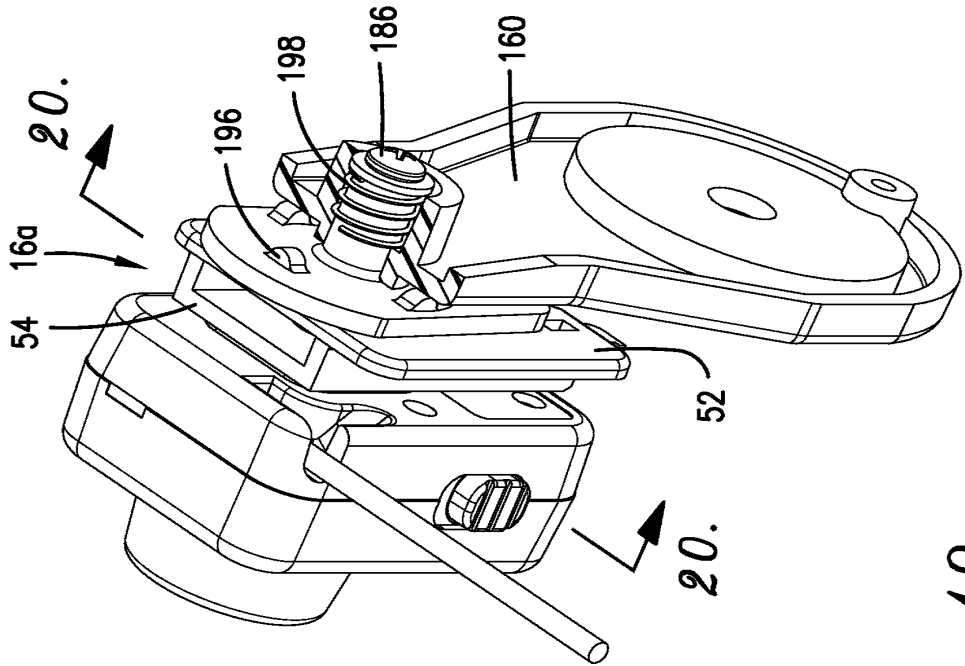


Fig. 19.



14/18

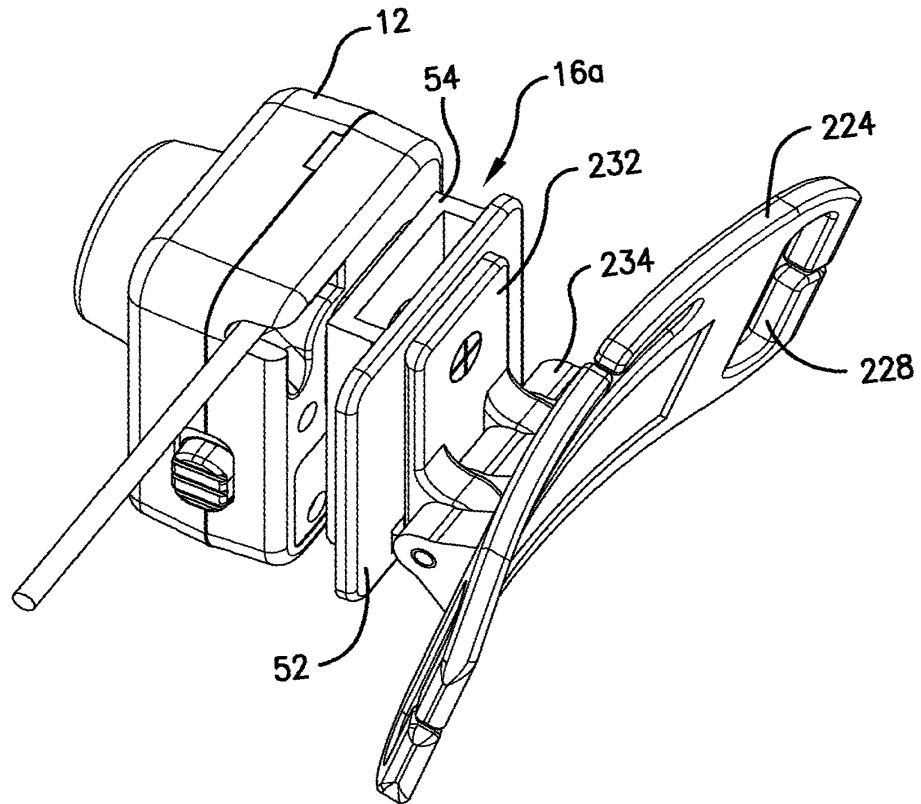
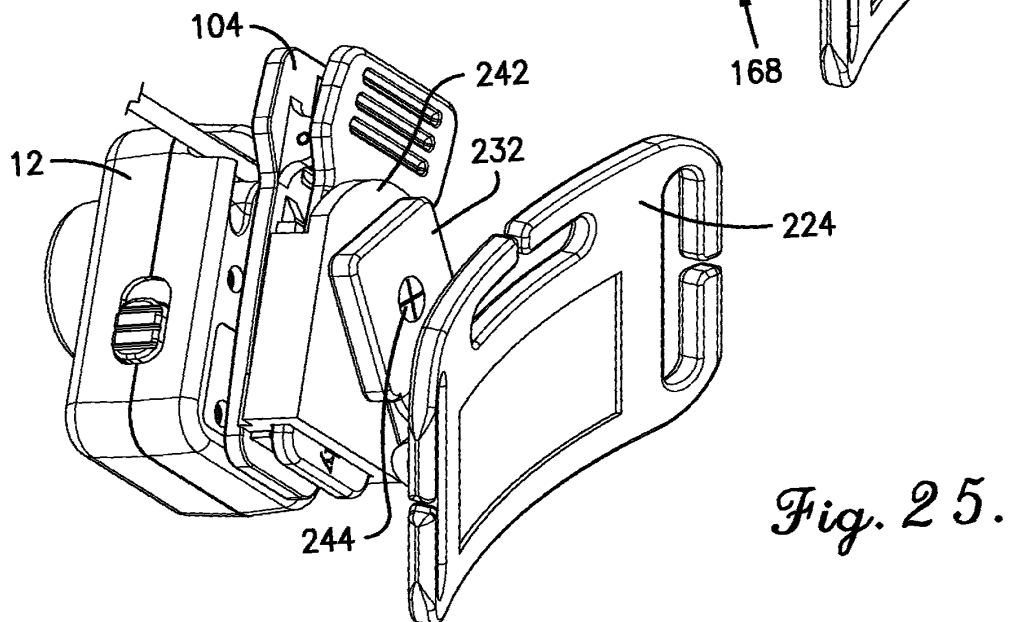
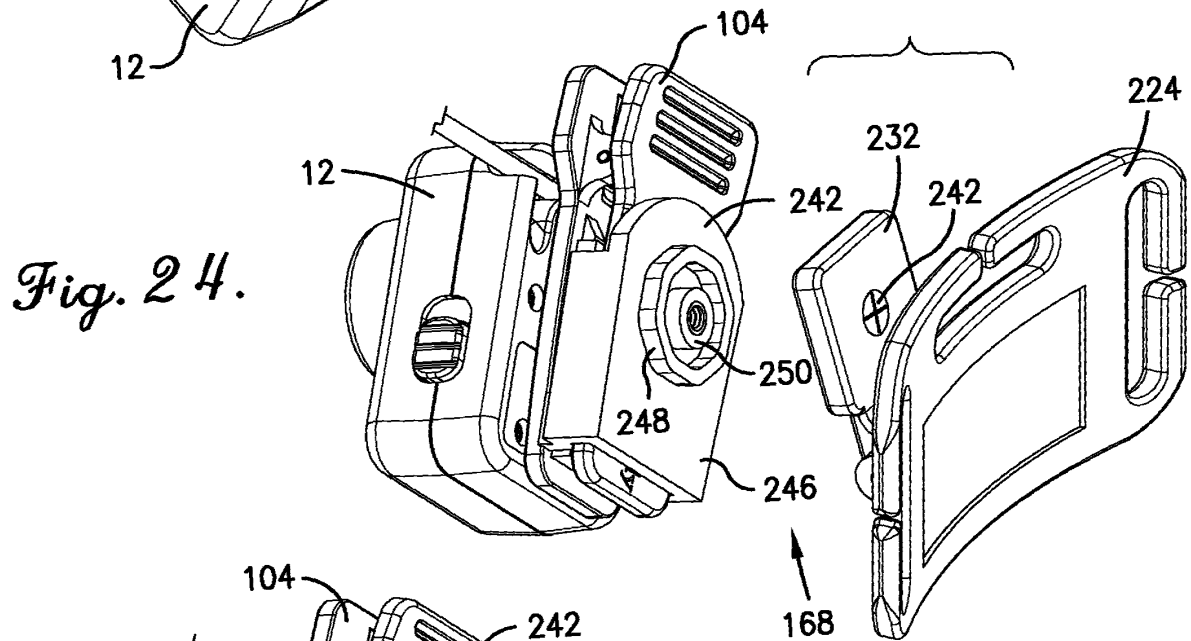
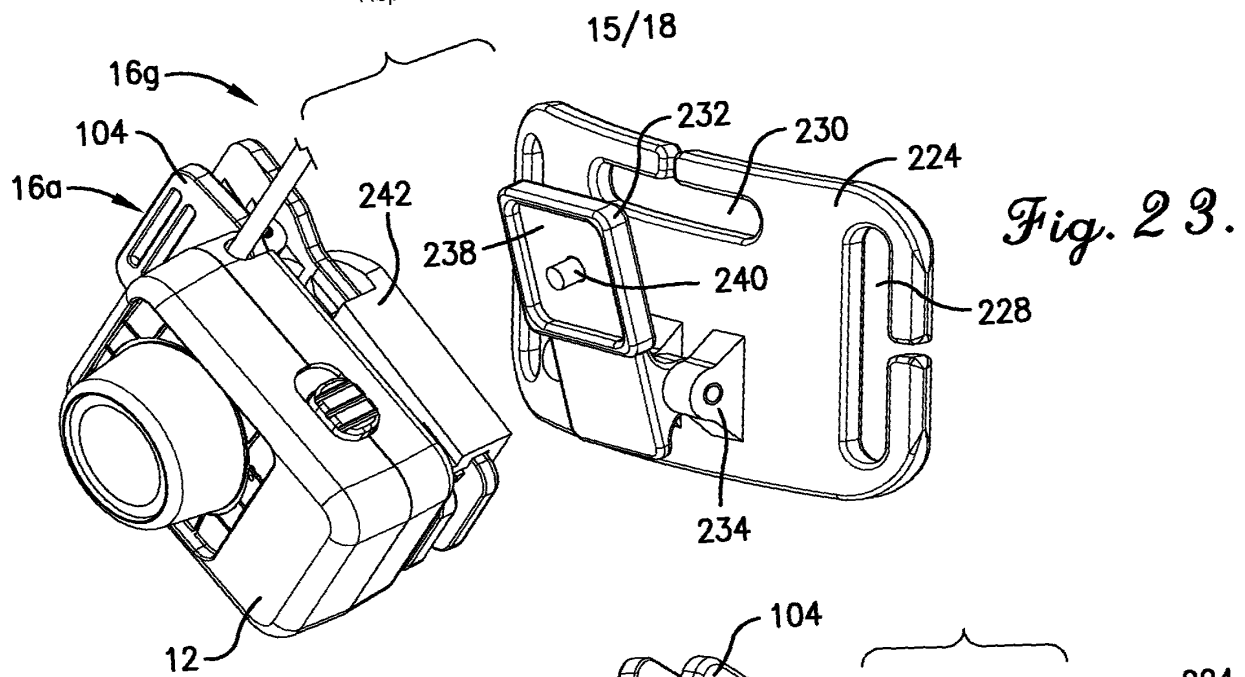
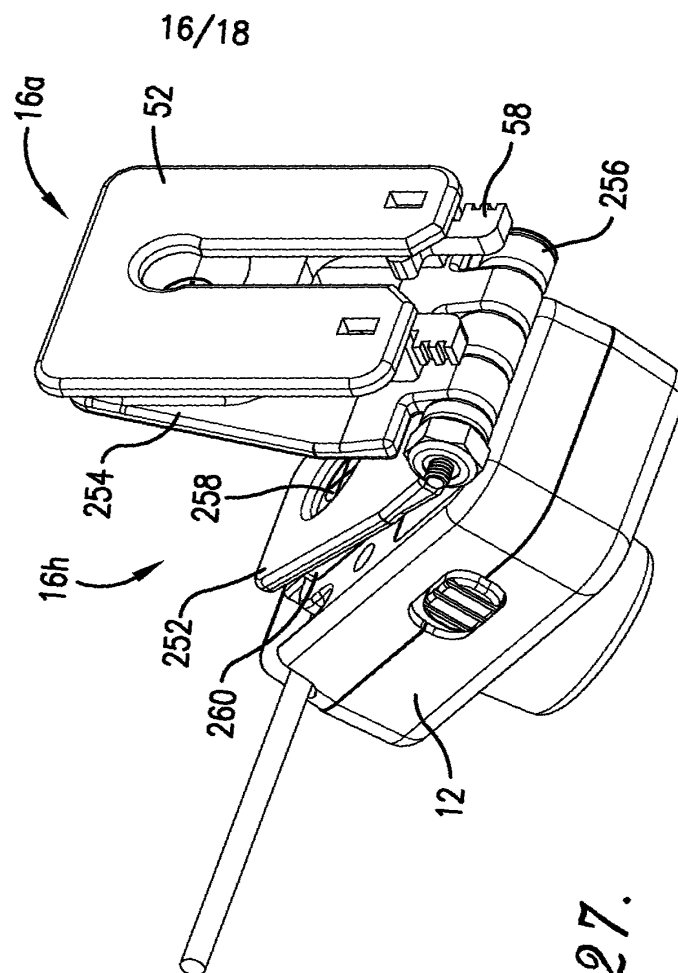
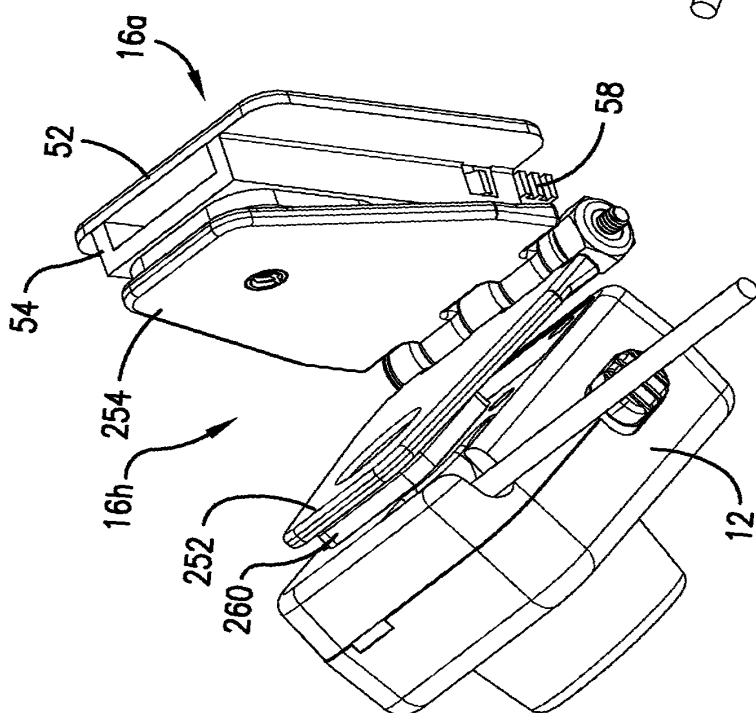


Fig. 22.





17/18

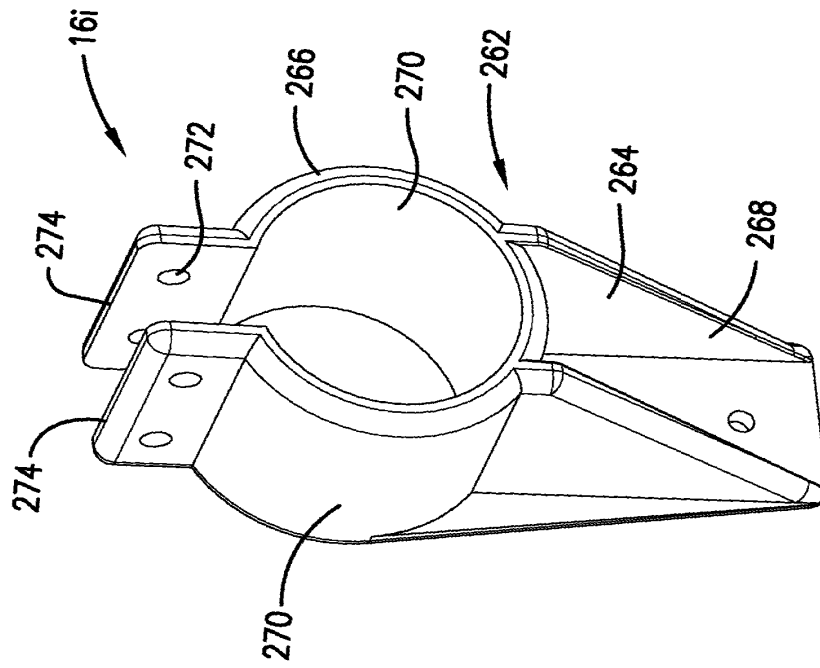


Fig. 29.

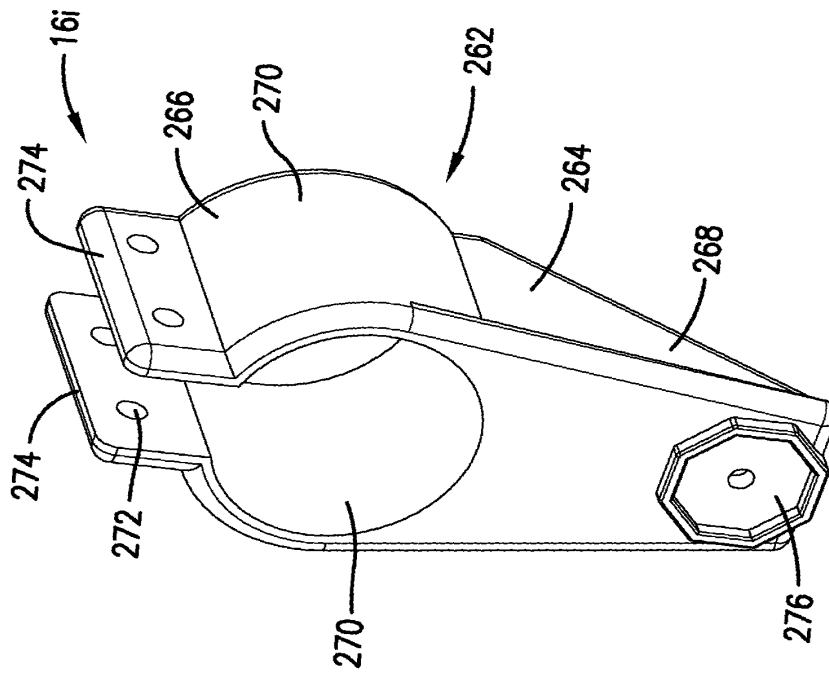


Fig. 28.

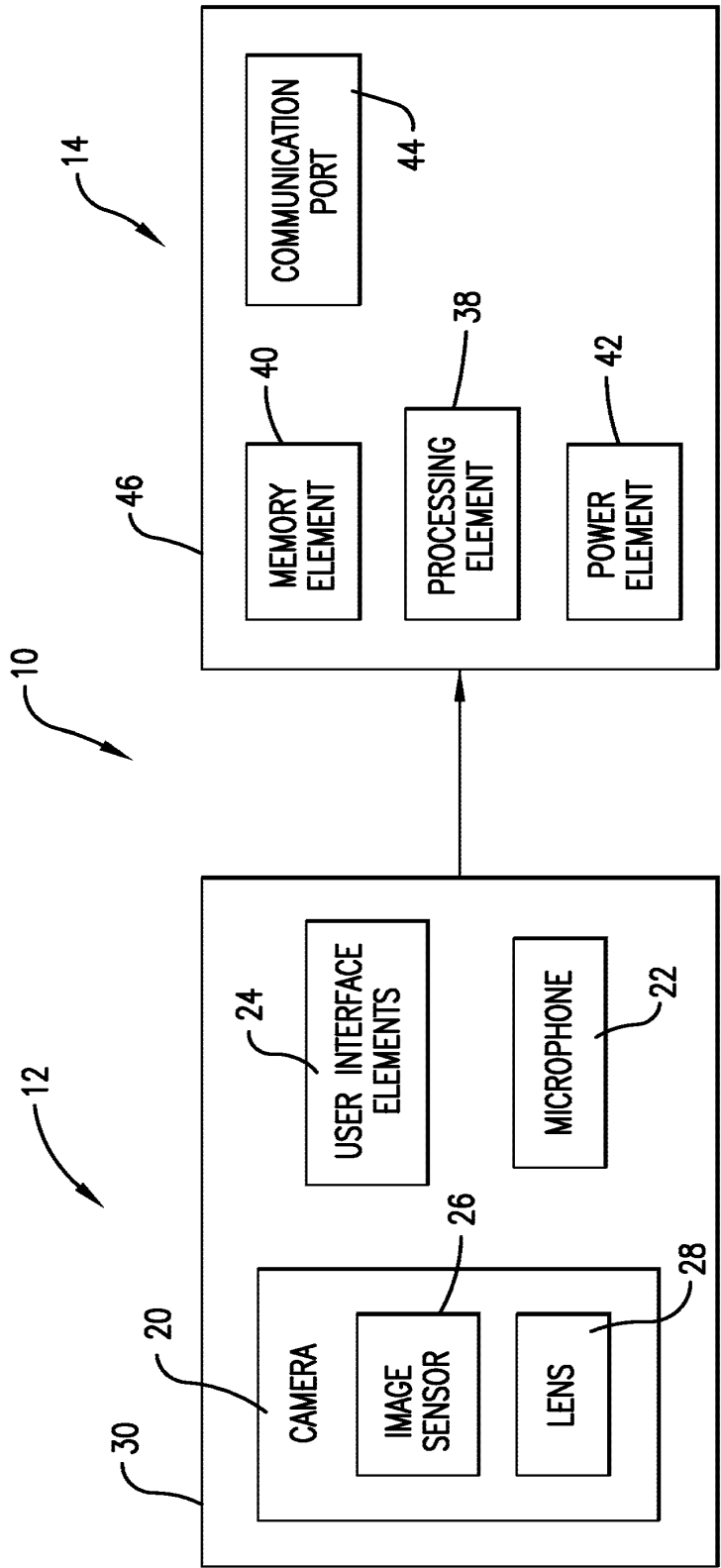


Fig. 30.

Electronic Acknowledgement Receipt

EFS ID:	18037066
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	23589
Filer:	Jennifer C. Bailey/Stephanie Emert
Filer Authorized By:	Jennifer C. Bailey
Attorney Docket Number:	2539-10.01
Receipt Date:	27-JAN-2014
Filing Date:	27-SEP-2013
Time Stamp:	17:23:19
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	Transmittal_for_Forma l_Drawings_as_Filed_10_01.pdf	42101 6cab056b3bb63ca4b5264e5655862be4a8c51aee	no	1

Warnings:

Information:

2	Drawings-only black and white line drawings	Formal_Drawings_as_Filed.pdf	643847 1f591e534a5087006d18c7b8ca31b07a2a379511	no	18
Warnings:					
Information:					
Total Files Size (in bytes):			685948		
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.					



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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/040,329	09/27/2013	Steve Phillips	44566	4686
23589	7590	01/02/2014		
Hovey Williams LLP 10801 Mastin Blvd., Suite 1000 Overland Park, KS 66210			EXAMINER PRABHAKHER, PRITHAM DAVID	
			ART UNIT 2662	PAPER NUMBER
			MAIL DATE 01/02/2014	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.

Office Action Summary	Application No. 14/040,329	Applicant(s) PHILLIPS ET AL.	
	Examiner PRITHAM PRABHAKHER	Art Unit 2662	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 2 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 09/27/2013.
☐ 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) 1-20 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) ____ is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☒ Claim(s) 1-20 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: ____.

DETAILED ACTION

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

Election/Restrictions

This application contains claims directed to the following patentably distinct species:

Species I: Figures 2-7

Species II: Figures 8-9

Species III: Figure 10

Species IV: Figures 11-17

Species V: Figures 18-20

Species VI: Figures 21-25

Species VII: Figures 26-27

Species VIII: Figures 28-29

The species are independent or distinct because claims to the different species recite mutually exclusive characteristics. In addition, these species are not obvious variants of each other based on the current record.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, or a single grouping of patentably indistinct species, for prosecution on the merits to which

the claims shall be restricted if no generic claim is finally held to be allowable. Currently, none of the claims are generic.

There is a search and/or examination burden for the patentably distinct species as set forth above because at least the following reason(s) apply:

Species I corresponds to a button mount assembly including attaching the camera onto a user via use of a button. This is not required by the rest of the Species. Species II differs from the rest of the Species in that it requires a clip different from what is required in Species I in particular that has a spring 110 interposed between two plates with an alligator clip 104. Species III differs from Species I-II and the rest of the Species in that it relates to a hook and loop mount (Velcro) that is adhesively secured. Species IV differs from the remainder of the Species in that it requires components 166, 160, 172 and 208 that are not found or required in the rest of the Species. Species IV relates to a cradle mount for mounting both the camera component and the recording component.

Species V differs from the remainder of the Species in that it requires a button mounting bracket 212 sized to operate with the button mount assembly 16a. The button mounting bracket 212 is operable to be secured to the mounting arm 160 of the assembly 16d and removable retains the camera component. Species V also requires the use of mounting bracket 54 while the mounting arm is secured to the cradle.

Species VI differs from the rest of the Species in that it requires a hat mount for mounting the video recording system to a user's helmet, cap or other type of hat.

Species VII requires the use of a mounting assembly 16h to provide for angling of the camera component along a vertical axis with first and second plates 252 and 254 secured via a hinge with the first plate 252 secured to the rear of camera component 12 via a screw 258 which is different from the other Species. Species VIII differs from the remainder of the Species in that it requires the use of a saddle bracket 262 includes a body 264 having a top end 266 and a bottom end 268. A general upper half of the body 264 includes two arms 270 that are sized and configured to extend around the barrel of a firearm. The saddle bracket 262 can then be secured to the firearm by inserting two screws (not shown) through openings 272 in two tabs 274 extending from the top end 266 of the bracket 262.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species to be examined even though the requirement may be traversed (37 CFR 1.143) **and (ii) identification of the claims encompassing the elected species or grouping of patentably indistinct species**, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

The election may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the election of species requirement, the election shall be treated as an election without traverse. Traversal must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement

will result in the loss of right to petition under 37 CFR 1.144. If claims are added after the election, applicant must indicate which of these claims are readable on the elected species or grouping of patentably indistinct species.

Should applicant traverse on the ground that the species, or groupings of patentably indistinct species from which election is required, are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing them to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the species unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103 or pre-AIA 35 U.S.C. 103(a) of the other species.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRITHAM PRABHAKHER whose telephone number is (571)270-1128. The examiner can normally be reached on M-F (7:30-5:00) Alt Friday's Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roberto Velez can be reached on (571)272-8597. 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.

Pritham David Prabhakher
Patent Examiner
Pritham.Prabhakher@uspto.gov
/PRITHAM PRABHAKHER/
Examiner, Art Unit 2662

<i>Index of Claims</i> 	Application/Control No. 14040329	Applicant(s)/Patent Under Reexamination PHILLIPS ET AL.
	Examiner PRITHAM PRABHAKHER	Art Unit 2662

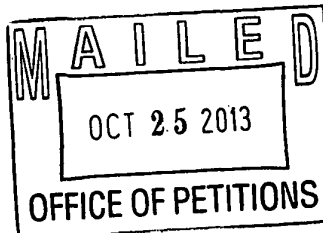
✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	12/31/2013								
	1	÷								
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10801 Mastin Blvd., Suite 1000
Overland Park KS 66210



Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Doc Code: TRACK1.GRANT

Decision Granting Request for Prioritized Examination (Track I or After RCE)	Application No.: 14/040,329
1. THE REQUEST FILED <u>September 27, 2013</u> IS GRANTED. The above-identified application has met the requirements for prioritized examination A. ☒ for an original nonprovisional application (Track I). B. ☐ for an application undergoing continued examination (RCE). 2. The above-identified application will undergo prioritized examination. The application will be accorded special status throughout its entire course of prosecution until one of the following occurs: A. filing a <u>petition for extension of time</u> to extend the time period for filing a reply; B. filing an <u>amendment to amend the application to contain more than four independent claims, more than thirty total claims</u>, or a multiple dependent claim; C. filing a <u>request for continued examination</u>; D. filing a notice of appeal; E. filing a request for suspension of action; F. mailing of a notice of allowance; G. mailing of a final Office action; H. completion of examination as defined in 37 CFR 41.102; or I. abandonment of the application. Telephone inquiries with regard to this decision should be directed to Brian W. Brown at 571-272-5338. /Brian W. Brown/ [Signature] Petitions Examiner, Office of Petitions (Title)	

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 14/040,329	
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), (i), 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))	20	minus 20 = *	x 40 =	0.00			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	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	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		x =
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		x =
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
				TOTAL ADD'L FEE		TOTAL ADD'L FEE	
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	x =		x =
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =		x =
	Application Size Fee (37 CFR 1.16(s))						
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
				TOTAL ADD'L FEE		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	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
14/040,329	09/27/2013	2852	1030	44566	20	3

CONFIRMATION NO. 4686

23589

Hovey Williams LLP

10801 Mastin Blvd., Suite 1000

Overland Park, KS 66210

FILING RECEIPT



OC000000064430182

Date Mailed: 10/24/2013

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)

Steve Phillips, Olathe, KS;

Jason R. Troxel, Lee's Summit, MO;

Applicant(s)

Digital Ally, Inc., Lenexa, KS

Assignment For Published Patent Application

Digital Ally, Inc., Lenexa, KS

Power of Attorney: The patent practitioners associated with Customer Number 23589

Domestic Priority data as claimed by applicant

This appln claims benefit of 61/707,348 09/28/2012

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.

Permission to Access - A proper **Authorization to Permit Access to Application by Participating Offices** (PTO/SB/39 or its equivalent) has been received by the USPTO.

If Required, Foreign Filing License Granted: 10/16/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/040,329**

Projected Publication Date: 04/03/2014

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

PORTABLE VIDEO AND IMAGING SYSTEM

Preliminary Class

396

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

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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.

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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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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/040,329	09/27/2013	Steve Phillips	44566

23589
Hovey Williams LLP
10801 Mastin Blvd., Suite 1000
Overland Park, KS 66210

CONFIRMATION NO. 4686

POA ACCEPTANCE LETTER



Date Mailed: 10/24/2013

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/27/2013.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/llvuong/

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

**CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION
UNDER 37 CFR 1.102(e) (Page 1 of 1)**

First Named Inventor:	ROSS, Stanton E.	Nonprovisional Application Number (if known):	
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM		

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

1. The processing fee set forth in 37 CFR 1.17(i)(1), the prioritized examination fee set forth in 37 CFR 1.17(c), and if not already paid, the publication fee set forth in 37 CFR 1.18(d) have been filed with the request. The basic filing fee, search fee, examination fee, and any required excess claims and application size fees are filed with the request or have been already been paid.
2. The application contains or is amended to contain no more than four independent claims and no more than thirty total claims, and no multiple dependent claims.
3. The applicable box is checked below:

I. ☒ Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)

- i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.
---OR---
- (b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.
- ii. The executed inventor's oath or declaration is filed with the application. (37 CFR 1.63 and 1.64)

II. ☐ Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)

- i. A request for continued examination has been filed with, or prior to, this form.
- ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
- iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
- iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
- v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

Signature	/Jennifer C. Bailey/	Date	September 27, 2013
Name (Print/Typed)	Jennifer C. Bailey	Practitioner Registration Number	52583

Note: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required.*

☐ *Total of _____ forms are submitted.

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.

PORTABLE VIDEO AND IMAGING SYSTEM

RELATED APPLICATIONS

[0001] This non-provisional patent application claims priority benefit, with regard to all common subject matter, of earlier-filed U.S. Provisional Patent Application No. 61/707,348, filed September 28, 2012, and entitled "PORTABLE VIDEO AND IMAGING SYSTEM," and U.S. Provisional Patent Application No. 61/707,326, filed September 28, 2012, and entitled "MOBILE VIDEO AND IMAGING SYSTEM." The identified earlier-filed provisional patent applications are hereby incorporated by reference in their entirety into the present application.

BACKGROUND

1. FIELD

[0002] Embodiments of the invention relate to a portable system for recording videos and still images. More particularly, embodiments of the invention relate to a portable digital video recording system sized to be worn on a user's body and configured to be mounted in a plurality of locations on the user's body, including a clothing article worn by the user, on a device carried by the user, such as a firearm, or in a vehicle. In other embodiments, the portable video and imaging system may be mounted in or on a vehicle.

2. RELATED ART

[0003] Although recording devices for recording video and still images are generally known, the recording device is commonly housed in a single housing that stores a camera, a memory element, and a processing element. The single housing is

not mountable to a user's body. Moreover, when the recording device is used for law enforcement where captured video is frequently used as evidence, the loss of captured video due to damage or removal of the single housing of the recording device is problematic.

SUMMARY

[0004] Embodiments of the invention solve the above-mentioned problems by providing a computer program, method, apparatus, and system for mounting a small, portable digital video recording system to a user's body, an article of clothing, a device carried by the user, or in a vehicle.

[0005] An embodiment of the video recording system broadly comprises a camera component for capturing video of an event and a recording component comprising a processor and a memory associated with the camera component for storing the captured video. The camera component includes a camera housed within a housing having a size configured to mount on a user's body. The housing includes at least one input to instruct recording by the camera. The video recording system further includes a mounting assembly for mounting the camera to the user's body. In embodiments, the mounting assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot.

[0006] Another embodiment of the video recording system broadly comprises the camera component and recording component described above. The mounting assembly, however, is a clip, such as an alligator clip, configured for grasping a clothing article of the user. In yet another embodiment, the mounting assembly is a hook-and-

loop fastener. An even further embodiment comprises a mounting assembly for mounting the camera and recording components to a vehicle and broadly comprising a cradle for holding the recording component and a mounting arm for holding the camera component, wherein the mounting arm is secured to the cradle. Other embodiments comprise mounting assemblies for securing at least one or both of the camera and recording components to a belt worn by the user, around a head of a user or hat worn by the user, and on a firearm carried by the user.

[0007] In embodiments of the invention, the camera component is in a first housing, and the recording component is in a second housing. The camera and recording components are communicatively coupled together, and the housings for the two components are physically separate housings.

[0008] This summary is provided to introduce a selection of concepts in a simplified form that are further described below in the detailed description. This summary is not intended to identify key features or essential features of the claimed subject matter, nor is it intended to be used to limit the scope of the claimed subject matter. Other aspects and advantages of the current invention will be apparent from the following detailed description of the embodiments and the accompanying drawing figures.

BRIEF DESCRIPTION OF THE DRAWING FIGURES

[0009] Embodiments of the current invention are described in detail below with reference to the attached drawing figures, wherein:

[0010] Fig. 1 is an environmental view of a portable video and imaging system of embodiments of the invention and mounted on a user's body;

[0011] Fig. 2 is a front exploded view of the camera component mounted to a first mounting assembly that is a button-mount assembly;

[0012] Fig. 3 is a rear exploded view of the button-mount assembly of Fig. 2;

[0013] Fig. 4 is a rear perspective view of the button-mount assembly of Fig. 2;

[0014] Fig. 5 is an exploded view of the button-mount assembly and particularly illustrating mounting of the assembly on the user's body;

[0015] Fig. 6 is a fragment, right side elevation view of the camera component and button-mount assembly and particularly illustrating the assembly mounted to the button of the user's shirt;

[0016] Fig. 7 is a horizontal cross-sectional view taken through line 7-7 of Fig. 7 and illustrating a retention clip of the button-mount assembly;

[0017] Fig. 8 is an environmental view of a second mounting assembly of embodiments of the invention secured to the user's body;

[0018] Fig. 9 is a rear perspective view of the second mounting assembly and particularly illustrating a clip;

[0019] Fig. 10 is an exploded view of a third mounting assembly that is a hook-and-loop fastener;

[0020] Fig. 11 is a front exploded view of a fourth mounting assembly for securing the camera component and the recording component together in a vehicle and particularly illustrating the camera component mounted to the clip of the second mounting assembly;

- [0021]** Fig. 12 is a rear exploded view of the fourth mounting assembly of Fig. 11;
- [0022]** Fig. 13 is an exploded view of the clip and a mounting bracket of the fourth mounting assembly and particularly illustrating mounting of the camera component;
- [0023]** Fig. 14 is a fragment front perspective view of the clip mounted in the mounting bracket and particularly illustrating structure that frictionally secures the clip in place;
- [0024]** Fig. 15 is a front perspective view of the camera component mounted to the clip, and the clip mounted on a mounting arm of the fourth mounting assembly;
- [0025]** Fig. 16 is a rear perspective view of the fourth mounted assembly of Fig. 15;
- [0026]** Fig. 17 is a left side elevation view of the assembly of Fig. 15;
- [0027]** Fig. 18 is a front exploded view of a fifth mounting assembly similar to the fourth mounting assembly of Fig. 13 but particularly illustrating the camera component mounted to the button-mount assembly of Fig. 2;
- [0028]** Fig. 19 is a rear perspective view of the camera component mounted by the fifth mounting assembly;
- [0029]** Fig. 20 is a horizontal cross sectional view taken through line 20-20 of Fig. 19 and illustrating a boss secured within the button-mount assembly of Fig. 2;
- [0030]** Fig. 21 is an environmental view of a sixth mounting assembly for mounting the system to a user's head or hat;
- [0031]** Fig. 22 is a rear perspective view of a portion of the sixth mounting assembly and particularly illustrating mounting of the camera component;

[0032] Fig. 23 is a front exploded view of the camera component mounted via the sixth assembly and particularly illustrating a first angle of rotation of the camera component;

[0033] Fig. 24 is a rear exploded view of the camera component mounted via the sixth assembly of Fig. 23;

[0034] Fig. 25 is a rear perspective view of the camera component mounted by the sixth mounting assembly;

[0035] Fig. 26 is a front perspective view of a seventh mounting assembly for mounting the camera component;

[0036] Fig. 27 is a rear perspective view of the seventh mounting assembly of Fig. 26;

[0037] Fig. 28 is a front perspective view of an eighth mounting assembly for mounting the camera component;

[0038] Fig. 29 is a rear perspective view of the eighth mounting assembly of Fig. 28; and

[0039] Fig. 30 is a schematic of the camera component and recording component of embodiments of the invention.

[0040] The drawing figures do not limit the current invention to the specific embodiments disclosed and described herein. The drawings are not necessarily to scale, emphasis instead being placed upon clearly illustrating the principles of the invention.

DETAILED DESCRIPTION

[0041] The following detailed description references the accompanying drawings that illustrate specific embodiments in which the invention can be practiced. The embodiments are intended to describe aspects of the invention in sufficient detail to enable those skilled in the art to practice the invention. Other embodiments can be utilized and changes can be made without departing from the scope of the current invention. The following detailed description is, therefore, not to be taken in a limiting sense. The scope of the current invention is defined only by the appended claims, along with the full scope of equivalents to which such claims are entitled.

[0042] In this description, references to “one embodiment,” “an embodiment,” or “embodiments” mean that the feature or features being referred to are included in at least one embodiment of the technology. Separate references to “one embodiment,” “an embodiment,” or “embodiments” in this description do not necessarily refer to the same embodiment and are also not mutually exclusive unless so stated and/or except as will be readily apparent to those skilled in the art from the description. For example, a feature, structure, act, etc. described in one embodiment may also be included in other embodiments, but is not necessarily included. Thus, the current technology can include a variety of combinations and/or integrations of the embodiments described herein.

[0043] Features and components of embodiments of the invention may be, in some respects, similar to features and components described in U.S. Application Serial No. 14/040,006, filed September 27, 2013, claiming priority to U.S. Provisional Patent Application No. 61/707,326, filed September 28, 2012, and entitled “MOBILE VIDEO AND IMAGING SYSTEM” (identified above in the Related Applications section), and

owned by the assignee of the present application. The referenced non-provisional application filed concurrently herewith and claiming priority to the '326 Provisional Application is incorporated by reference herein in its entirety. Additionally, the following patent and patent application, both of which are owned by the assignee of the present application, are incorporated by reference herein in their entirety: U.S. Patent No. 8,520,069, issued August 27, 2013, and entitled "VEHICLE-MOUNTED VIDEO SYSTEM WITH DISTRIBUTED PROCESSING; and U.S. Patent Application No. 13/967,151, filed August 14, 2013, entitled "COMPUTER PROGRAM, METHOD, AND SYSTEM FOR MANAGING MULTIPLE DATA RECORDING DEVICES."

[0044] Turning to the figures, and particularly Fig. 1, an embodiment of the present invention is a digital video recording system 10 broadly comprising a camera component 12, a recording component 14, and a mounting assembly 16. The digital video recording system 10 is portable and relatively small, such that the system can be easily carried by a user on the user's body, a clothing article of the user, a device carried by the user, such as a firearm, or in a vehicle. The system 10 is unobtrusive and lightweight so as to not interfere with routine activity by the user. Moreover, the mounting assembly 16 of the system 10 for mounting on the user's body or clothing article of the user provides a secure mount that will not become dislodged, even under active movement by the user.

[0045] In embodiments of the invention, the digital video recording system 10 is advantageous for use by law enforcement personnel during an event, such as approaching a suspect or performing an arrest. Law enforcement personnel routinely encounter physically demanding activities and other rigors. The mounting assembly 16

of embodiments of the invention provides secure mounting configurations that can be used by the law enforcement personnel during these demanding activities and based on their preference of location on the personnel's body or clothing. Although embodiments of the invention are adapted for law enforcement personnel, it should be appreciated that the digital video recording system 10 can be used by any user desiring to record events occurring in front of and around the user or a vehicle (in embodiments where the recorder is mounted in the vehicle).

[0046] In embodiments of the invention, the camera component 12 is physically separated from the recording component 14, such that each component 12,14 is housed in its own distinct housing, as described in more detail below. The camera and recording components 12,14 are, in embodiments, communicatively coupled via cabling 18, such as a pigtail cable having a mini-USB for interconnecting the two components. In alternative embodiments, the camera and recording components 12,14 are wirelessly communicatively coupled, and wireless signals comprising instructions or data may be transmitted via communications networks such as the Internet, Wi-Fi links, radio-frequency ("RF") links, Bluetooth technology, infrared (IR), Near Field Communication (NFC) technology, or long and short wave radio.

[0047] The camera component 12 is configured to capture video or still images (individually or collectively, "video") and to transmit the captured video to the recording component 14 for storage on a memory of the recording component, as further discussed below. By separating the housing for the camera component 12 from the housing for the recording component 14, the housing for the camera component can be very small, light, and easily mounted in multiple locations. Additionally, should the

camera component 12 be dislodged or removed during physical activity, such as an altercation between law enforcement personnel and a suspect, the recording component 14 that stores the captured video is not removed or damaged. For example, should the suspect remove the camera component 12 from the law enforcement personnel's body, the recording component 14 is not also removed (or at least not easily removed). In situations where the captured video is legally important to law enforcement personnel (such as evidence to establish a particular event occurred), insuring that the captured video is not stolen or destroyed is advantageous.

[0048] The camera component 12 generally includes image and audio capture components and circuitry, such as a camera 20, a microphone 22, and user interface elements 24 for providing input or instructions to the camera. The camera 20 comprises an image sensor 26 and a lens 28 and is configured to operate with relatively little ambient light. The image sensor 26 is a high-sensitivity image sensor operable to capture video in HD and in low light at a minimum lux of at least 0.0687 lux. Suitable image sensors of embodiments of the invention are sold by Omnivision™, Product No. OV10630-CBGA. In embodiments of the invention, a suitable lens 28 of the camera 20 is sold by Sunex Digital Imaging Optics™, Product No. DSL235, and a suitable lens holder is also sold by Sunex, Part No. CMT233. The lens 28 has the following field of view: horizontal, 97 degrees; vertical, 70 degrees; and diagonal, 136 degrees. In embodiments of the invention, the camera 20 is operable to record in 720p video with an H.264 codec, a 1280 X 720 resolution, and at 30 frames per second. Moreover, encoded, captured video may be viewed on standardized video-viewing software. It

should be appreciated that other image sensors and lenses could be employed in embodiments of the invention.

[0049] In alternative embodiments of the invention, the camera component 12 may also include a memory element (not shown) for temporarily storing captured video prior to transmission to the recording component 14. In such an embodiment, storage of the captured video on the memory element of the camera component 12 is cached for short-term storage, such as if the captured video cannot be transmitted to the recording component 14.

[0050] As noted above, the camera component 12 includes a first housing 30. A width of the housing 30 is approximately 0.25 inch to approximately 5 inches, approximately 0.5 inch to approximately 4 inches, approximately 0.75 inch to approximately 3 inches, or approximately 1.125 inch. A height of the housing 30 is approximately 0.5 inch to approximately 5 inches, approximately 0.75 inch to approximately 4 inches, approximately 1.25 inches to approximately 3 inches, or approximately 1.5 inches. A depth of the housing (excluding the lens and lens holder that extend from a main body of the housing 30) is approximately 0.15 inch to approximately 1 inch, approximately 0.25 inch to approximately 0.9 inch, approximately 0.35 inch to approximately 0.75 inch, or approximately 0.5 inch. Additionally, the camera component 12 weighs less than or equal to 5 ounces, less than or equal to 3 ounces, less than or equal to 1 ounce, or approximately 0.8 ounce.

[0051] The housing 30 is made of ABS or other lightweight, durable material and is covered with neoprene to be soft to the touch and water resistant. The housing 30 includes the user interface elements 24 positioned thereon, which in embodiments of

the invention comprise at least a first input 32 and a second input 34. The first input 32 is a power on/off switch that can be actuated to a power on position where the system 10 is, in various embodiments of the invention, either (1) in a standby mode, such that the system is ready to begin capturing video upon instruction by the user; (2) in a capture mode, such that the system begins continuously capturing video upon actuation of the power on/off switch; or (3) in a trigger event mode, such that the system begins capturing video upon a triggering event, as described in more detail below. The first input 32 is a slide switch that can be moved from an actuated position to a non-actuated position. When in an actuated position, the first input 32 slides to reveal a green-colored portion of the housing to indicate the actuated position to the user. The first input 32 is located on a side of the housing 30.

[0052] The second input 34 controls active record and marking of an event. In particular, in embodiments of the invention where the first input 32 places the camera component 12 in a standby mode, the user can quickly instruct recording by depressing or otherwise actuating the second input 34. During recording of an event, the user can also mark the captured video. “Marking” of the captured video provides an indication of a point in time, i.e., the time when the user depresses the second input 34. The user can then quickly move to marked locations in the captured video upon viewing of the video using standardized video viewing software. Marking of the captured video allows the user to identify the point in time at which a particular event in the captured video occurs. Actuation of the second input 34 thus serves as both an instruction to begin recording and to mark the captured video to identify a time or location in the captured video corresponding to actuation of the second input 34.

[0053] The microphone 22 is mounted in the housing 30 and is operable to capture audio of an event. The microphone 22 comprises at least one opening 36 on a front of the housing 30. In embodiments of the invention, the housing 30 includes a third input (not shown) for stopping or otherwise muting the recording of audio (while still recording video). This third input may be desired by some law enforcement personnel located in a jurisdiction that does not allow audio recordings of an event.

[0054] In embodiments of the invention, the housing 30 does not include any LEDs or other indication that the camera component 12 is recording so that persons encountered by the user of the system 10 do not realize they are being recorded. However, in alternative embodiments, the housing 30 may include one or more LEDs or other indicators to identify recording by the system 10, and such indicators may or may not be viewable by persons other than the user of the system 10.

[0055] As shown in Figs. 1 and 2, the cabling 18 for communicatively connecting the housing 30 to the recording component 14 extends from a rear of the housing 30. Various lengths of cabling 18 may be provided depending on how and where the user mounts the camera component 12 and the recording component 14.

[0056] Referring to Fig. 30, the recording component 14 generally includes a processing element 38, a memory element 40, a power element 42, and at least one communication port 44. As noted above, the recording component is housed in a second housing 46 that is physically separate from the first housing 30 of the camera component.

[0057] The processing element 38 may include processors, microprocessors, microcontrollers, digital signal processors (DSPs), field-programmable gate arrays

(FPGAs), analog and/or digital application-specific integrated circuits (ASICs), and the like, or combinations thereof. The processing element 38 may generally execute, process, or run instructions, code, software, firmware, programs, applications, apps, processes, services, daemons, or the like, or may step through states of a finite-state machine.

[0058] The memory element 40 may include data storage components such as read-only memory (ROM), programmable ROM, erasable programmable ROM, random-access memory (RAM), hard disks, floppy disks, optical disks, flash memory, thumb drives, universal serial bus (USB) drives, and the like, or combinations thereof. In embodiments, the memory element 40 is a solid state element with no moving parts. The memory element 40 may include, or may constitute, a non-transitory “computer-readable storage medium.” The memory element 40 may store the instructions, code, software, firmware, programs, applications, apps, services, daemons, or the like that are executed by the processing element 40. In particular embodiments, the memory element 40 stores the video captured by the camera component 12 and transmitted to the recording component 14. The memory element 40 may also store settings, data, documents, sound files, photographs, movies, images, databases, and the like. The processing element 38 may be in communication with the memory element 40 through address busses, data busses, control lines, and the like.

[0059] The power element 42 is a battery or other component for providing power to the system 10. The power element 42 is housed in the second housing 46 and is, in embodiment, rechargeable. In embodiments, the batter can be easily removed and replaced in the field, which extends the operating time and use for the system 10.

[0060] The at least one communication port 44 generally allows the recording component 14 to communicate with the camera component 12 or a server or other computing device (not shown) through a communications network (not shown). Thus, The communication port 44 may be in communication with the processing element 38 and the memory element 40.

[0061] The communication port 44 may be wired and may include connectors or couplers to receive metal conductor cables or connectors or optical fiber cables. In embodiments, a first communication port 44a is a mini-USB port (also known as a micro-USB port) for receipt of the mini-USB adaptor from the cabling 18 for transmission of captured data from the camera component 12 and to the recording component 14. In embodiments, the port 44a is recessed within the second housing 46 to allow for quick break-away of the cabling 18 from the recording component 14. Such may be desirable if the user is in a situation where the camera component 12 is being removed or dislodged from the user's body or clothing, as the recording component having the stored video is not also removed with the camera component 12. The at least one communication port 44 may also comprise a second communication port 44b for receipt of a mini-USB for transmission of recorded video to a computing device.

[0062] In embodiments, the at least one communication port 44 may also or alternatively be wireless and may include antennas, signal or data receiving circuits, and signal or data transmitting circuits. The communication port 44 may transmit and receive radio frequency (RF) signals and/or data and may operate utilizing communication standards such as cellular 2G, 3G, or 4G, IEEE 802.11 or 802.16 standards, Bluetooth™, or combinations thereof.

[0063] The second housing 46 for the recording component 14 is generally rectangularly-shaped, although it could be other shapes. In embodiments, the second housing is sized and configured to be positioned in the user's front breast pocket or front pants pocket, as illustrated in Fig. 1, when the camera component 12 is mounted to a front of the user's shirt. A width of the second housing 46 is approximately 1 inch to approximately 5 inches, approximately 1.5 inches to approximately 4 inches, approximately 2 inches to approximately 3 inches, or approximately 2.625 inches. A height or length of the housing 46 is approximately 1 inch to approximately 8 inches, approximately 2 inches to approximately 7 inches, approximately 3 inches to approximately 6 inches, or approximately 4 inches. A depth of the housing 46 is approximately 0.15 inch to approximately 1 inch, approximately 0.25 inch to approximately 0.9 inch, approximately 0.35 inch to approximately 0.75 inch, or approximately 0.625 inch. Additionally, the recording component 14 weighs less than or equal to 7 ounces, less than or equal to 5 ounces, less than or equal to 4 ounces, or approximately 3.1 ounces. Similar to the first housing 30, the second housing 46 is made of ABS or other lightweight, durable material and is covered with neoprene to be soft to the touch and water resistant. The communication ports 44a,44b are positioned on the housing 46.

[0064] In embodiments of the invention, the digital video recording system 10 may be provided with "pre-event" recording program and method in which the system 10 records constantly in a loop of a selected duration of time, such as thirty seconds or sixty seconds. Upon a triggering event occurring, as described below, the camera component 12 transmits to the recording component 14 the captured video for the

selected duration of time, e.g., the thirty-second segment of captured video occurring prior to the triggering event. Examples of a triggering event may include, for example, the user actuating the second input 34 to instruct recording by the camera component 12, turning on a vehicle's siren and/or signal lights, an accelerometer measurement outside a pre-established norm, a position of the vehicle and/or officer as measured by a GPS, a vehicle crash event or the police vehicle attaining a threshold speed (e.g., 80 m.p.h.), etc. In embodiments, the recording component 14 may receive a signal from, for example, the vehicle indicative of a triggering event. In response to receipt of the signal, or based on a type of triggering event as evidenced by the signal, the recording component 14 may begin recording.

[0065] The digital video recording system 10 may also generate time stamps for the captured video. In such an embodiment, the system 10 includes a clock (not shown) for noting a time when a particular item of video is captured. The recording component 14 then identifies each frame based on the time generated by the clock. Each frame of the captured video has a unique time stamp. An officer or other user reviewing the captured video will then know when a particular image or item of video obtained from the recording component 14. In even further embodiments, the time stamp may include a date (if not already included in the time stamp), any triggering event (as described herein), etc.

[0066] Various embodiments of the digital video recording system 10 may include any one or more of the following features: required entry of a password or code prior to accessing and changing operational settings; required use of a key to unlock a lockable housing for removal of any removable memory components; incorporation of electronic

watermarks into the recorded video images to prevent tampering or alteration; wireless downloading of the contents of the memory element 40 to a laptop or other computer; streaming the live video from the camera component 12 and possibly other inputs and/or outputs via a high-speed wireless data network; encoding of multiple video streams from multiple cameras simultaneously; a remote control device for allowing a user to remotely control the operation of the system 10; and a temperature sensor and temperature indicator operable to detect and warn the user if the system 10 is at risk of malfunction or damage due to an ambient temperature that is too high or too low for proper operation, such as may easily occur in a vehicle on a very hot or very cold day. The housings 30,46 may be vented to dissipate heat and may include other passive or active features to moderate temperature, especially in relatively extreme environments. Embodiments of the invention may also include a computer program for viewing the captured video on a mobile communications device, such as via an app, at a website, or using viewing software.

[0067] In yet further alternative embodiments, the system 10 may also include an integrated GPS receiver (not shown) connected to a GPS antenna (not shown). Utilizing the information provided by these components, the system 10 may mark recorded video with real-time position data of where the captured video was taken. The system 10 may include a "dead reckoning" function that works with GPS to allow for operation in shielded locations, such as underground garages. Some embodiments may communicate directly with the GPS receiver so that GPS coordinates stored in video event metadata may be automatically updated upon the automatic or manual marking or flagging of a video event.

[0068] In addition or as an alternative to the GPS, embodiments of the invention may include an RFID or another type of location or identification feature or sensor (not shown) that informs the system 10 of the location of the camera component 12 and/or the recording component 14. In embodiments, the RFID is mounted within the first housing 30 of the camera component to identify the user using the system 10 and potentially a location of the camera component 12.

[0069] Turning now to Figs. 2-29, various mounting assemblies 16 are illustrated. As discussed above, the camera component 12 and/or both the camera and recording components 12,14 are configured to be mounted to the user's body or clothing, a device carried by the user, or a vehicle. In embodiments of the invention, the mounting assemblies 16 are interchangeable, so that the user may mount the camera component 12 and/or the recording component 14 in various positions and locations based on the desired preferences of the user. As illustrated in Fig. 1, to facilitate ease of manufacture, mounting, purchase, and use of the camera and recording components 12,14, the camera component 12 includes a generally square-shaped recessed seat 48 located on a rear of the first housing 30 for securing or otherwise coupling the user-preferred mounting assembly to the camera component 12. The recessed seat is sized and configured to couple to each of the mounting assemblies 16, as described below, so as to present a system 10 with the interchangeable mounting assemblies.

[0070] In a first mounting assembly 16a illustrated in Figs. 2-7, the mounting assembly is a button-mount assembly for mounting the camera component 12 to a button 50 located on the user's shirt. The mounting assembly 16a broadly comprises a slotted plate 52, a mounting bracket 54 forwardly extending from the slotted plate 52, a

longitudinal track 56 formed between the slotted plate 52 and the mounting bracket 54, a retention clip 58 held in the longitudinal track 56 and for preventing the mounting assembly 16a from becoming dislodged from the user's clothing, and a coupler 60 for securing the mounting assembly 16a to the camera component 12.

[0071] The slotted plate 52 comprises a generally rectangular-shaped, flat body 62 having a slot 64 formed therethrough. The slot 64 is formed in the body 62 of the plate 52 along a general longitudinal axis of the plate 52. The longitudinal axis generally coincides with the height of the camera component 12 once the mounting assembly 16a is coupled with the camera component 12. Alternatively, the slot 64 could be formed along a transverse, diagonal, or other axis of the plate 52. The slot 64 is open at a first, lower end 66 of the slotted plate 52 and closed at a second, general upper end 68 of the slotted plate 52. In use, the slot 64 is placed behind the button 50 on the user's shirt and guided downwards over yarn or other material that secures the button 50 to the user's clothing. Once the slot 64 is positioned over the yarn retaining the button 50, the button extends from a general front 70 of the slotted plate 52 and the yarn or other material securing the button to the user's clothing is held within the slot 64 of the slotted plate 52. A rear 72 of the slotted plate 52 is then adjacent the user's shirt.

[0072] The mounting bracket 54 is integrally formed on or coupled to the front 70 of the slotted plate 52, such that the mounting bracket 54 at least partially overlays and forwardly extends from the front 70 of the plate 52. The bracket 54 thus presents a raised area comprising the longitudinal track 56 between the front 70 of the plate 52 and a front 74 of the bracket 54. The track 56 extends along at least a portion of the slot 64. When the button-mount assembly 16a is mounted to the button 50 of the user's

clothing, the button 50 is held in the longitudinal track 56 between the front 70 of the slotted plate 52 and the mounting bracket 54.

[0073] To insure that the button-mount assembly 16a does not become dislodged from the user's clothing, the assembly 16a further includes the retention clip 58, as illustrated in Figs. 5-7. The retention clip 58 is mechanically secured within the longitudinal track 56, as further described below. The clip 58 comprises a generally flat body 76 having a transverse shoulder 78 and two longitudinally-extending legs 80. A top 82 of the shoulder 78 is provided with an inverted saddle 84 that is arcuate in shape to interfit and mate with an arcuate shape of the button 50. The legs 80 extend downwards from a bottom 86 of the shoulder 78, and a lower end 88 of each leg 80 is toothed 90 to facilitate grasping of the legs by the user.

[0074] To position the retention clip 58 within the longitudinal track 56, the user slides the clip upwards, shoulder first, so that the inverted saddle 84 seats with the button. Each leg 80 is provided with an outwardly extending, chamfered tab 92. The longitudinal track 56 has receiving openings 94 formed at a general lower end of the track 56. To secure the clip 58 within the track 56, the legs 80 are transversely resilient so that they can be flexed inwards towards each other. The user places a finger at the toothed portion 90 of each leg 80 and slightly pushes inwards while sliding the retention clip 58 upwards into the track 56. Once seated within the track 56, the user releases the inwards pressure on the legs 80, which returns the legs 80 to a neutral state and locates the outwardly extending tabs 92 on the legs within the receiving openings 94 on the track 56. To remove the camera component 12 from the user's clothing, the user reverses the above process by pressing inwardly on the toothed portion 90 of the legs

to remove the tabs 92 from the openings 94 in the track 56 and allow the retention clip 58 to be slid out of the track 56. The user can then remove the slotted plate 52 from the button 50.

[0075] The coupler 60 of the button-mount assembly 16 comprises a ledge 96 integral or coupled with the mounting bracket 54 and sized and configured to interfit with the recessed seat 48 on the rear of the housing 30, and a screw 98 for securing the combined mounting bracket 54 and slotted plate 52 to the camera component 12. As illustrated in Fig. 2, the ledge 96 is positioned on the front 74 of the mounting bracket 54. The ledge 96 is generally square-shaped to match the generally square-shaped recessed seat 48 on the camera component housing 30. As can be appreciated, the perimeter of the ledge 96 may be slightly less than an inner perimeter of the recessed seat 48 to insure the ledge 96 fits or seats within the recessed seat 48.

[0076] As illustrated in Fig. 2, a small opening or hole 100 is formed in the front 74 of the mounting bracket 54 to receive the screw 98 therethrough. The screw 98 is received within a similarly-sized threaded opening 102 on the rear of the camera component housing 30. The user screws the combined slotted plate 52 and mounting bracket 54 to the rear of the camera component housing 30 by placing the screw 98 through the hole 100 in the bracket 54 and threading in the opening 102.

[0077] Referring now to Figs. 8-9, a second mounting assembly 16b is illustrated and comprises a clip 104 configured for grasping a clothing article of the user. In embodiments, the clip 104 is an alligator clip and comprises a first, bottom plate 106, a second, top plate 108, a spring 110 interposed between the plates 106,108 to provide resilient grasping tension, and a coupler 112. Referring to Fig. 9, each plate 106,108

has an inner face 114, an outer face 116, a grasping end 118 that is grasped by the user when positioning the clip 104, and an open end 120 that opens up to receive the user's clothing or other structure to which the clip 104 is being attached.

[0078] The plates 106,108 are pivotably secured together at their respective grasping ends 118. The spring 110 is interposed between the plates 106,108 to provide a pivot point about which the plates are pivoted. The spring 110 is a flat, U-shaped spring, and opposing ends 122 of the spring 110 are secured to the inner face 114 of each plate 106,108. In the spring's rest state, the opposing ends 122 of the spring 110 extend outwardly. Upon the user grasping each of the grasping ends 118 of the plates 106,108, the opposing ends 122 of the spring 110 are pushed together to pivot the grasping ends 118 of each plate 106,108 towards each other and, in response, pivot the open ends 120 of each plate 106,108 away from each other.

[0079] In a plan view, each plate 106,108 has the same general shape. However, when viewing the clip 104 from the sides, it can be seen that the first, bottom plate 106 is generally flat, except that the grasping end 118 angles slightly downwards. The second, top plate 108 is also generally flat, except that the grasping end 118 angles slightly upwards. The angle for the top plate 108 is greater than the angle for the lower plate 106. This provides better positioning for the user to apply force at the grasping end 118 when the user is applying pressure to the top plate 108 to open the plates 106,108. As is illustrated, the outer face 1106 of each plate 106,108 at the grasping end 118 includes a plurality of depressions 124 to assist in tactile gripping of the plates during positioning of the clip 104.

[0080] Referring to Fig. 11 (which illustrates both a second mounting assembly 16b and the second mounting assembly 16b working in conjunction with a fourth mounting assembly 16d), the coupler 112 comprises a raised seat 126 and a screw 128. The raised seat 126 is integral with or secured to the outer face 116 of the bottom plate 106. Similar to the first mounting assembly 16a and the ledge 96 of the mounting bracket 54, a perimeter and a shape of the raised seat 126 is approximately the same as the perimeter and shape of the recessed seat 48 on the rear of the camera component housing 30. The raised seat 126 of the clip 104 then interfits with the recessed seat 48 of the housing 30. As can be appreciated, the perimeter of the raised seat 126 may be slightly less than an inner perimeter of the recessed seat 48 to insure the raised seat 126 fits or seats within the recessed seat 48.

[0081] The screw 128 is threaded through an opening 130 in the bottom plate 106 to secure the clip 104 to the camera component 12. The clip 104 can be mounted to the camera component 12 in a plurality of directions by rotating the orientation of the clip 104 relative to the housing 30.

[0082] A third mounting assembly 16c is illustrated in Fig. 10 and is a hook-and-loop mount (also known as Velcro™). The hook-and-loop mounting assembly 16c broadly comprises a plate 132, a mounting bracket (not shown) substantially similar to the mounting bracket 54, a coupler 136 for coupling the plate 132 and mounting bracket to the camera component housing 30, and adhesively-securable hook-and-loop material 138. The plate 132 and mounting bracket are, in embodiments, integral, although the mounting bracket may be, in alternative embodiments, a separate component coupled with the plate 132. The plate 132 is generally rectangular-shaped. The mounting bracket

is integrally formed on or coupled to a front 140 of the plate 132, such that the mounting bracket at least partially overlays and forwardly extends from the front 140 of the plate 132.

[0083] The coupler 136 comprises a ledge (not shown but substantially similar to the ledge 96 of mounting bracket 54) integral or coupled with the mounting bracket and sized and configured to interfit with the recessed seat 48 on the rear of the camera component housing 30, and a screw 144 for securing the combined mounting bracket and plate 132 to the camera component 12. Similar to ledge 96, the ledge of mounting assembly 16c is positioned on a front of the mounting bracket. The ledge is generally square-shaped to match the generally square-shaped recessed seat 48 on the camera component housing 30. As can be appreciated, the perimeter of the ledge may be slightly less than an inner perimeter of the recessed seat 48 to insure the ledge fits or seats within the recessed seat 48. To secure the mounting assembly 16c to the camera component housing 30, the screw 144 is threaded through an opening 146 in the mounting bracket.

[0084] The hook-and-loop material 138 comprises a first substrate 148 having a hooked material 150 on one face and adhesive (not shown) on another face, and a second substrate 152 having a loop material 154 on one face and adhesive (not shown) on another face. One of the first and second substrates 148,152 is adhesively secured to a rear of the plate 132, and the other of the substrates 148,152 is adhesively secured to a structure to which the system 10 is desired to be mounted. The user can then mate the hook-and-loop materials 150,154 to secure the system 10 to the desired structure.

[0085] A small opening or hole is formed through the plate 132 and mounting bracket to receive the screw 144 therethrough. The user then screws the combined plate and mounting bracket to the rear of the camera component housing 30 by threading the screw 144 through the opening.

[0086] A fourth mounting assembly 16d is illustrated in Figs. 11-17 and is a cradle mount for mounting both the camera component 12 and the recording component 14. The mounting assembly 16d broadly comprises a cradle 158, a mounting arm 160, a first clip mounting bracket 162, and the clip 104 of the mounting assembly 16b. The cradle 158 is sized and configured to releasably and easily mount the recording component 14. The cradle 158 includes a main body 164 with a plurality of flexible arms 166 extending therefrom to secure the recording component 14 in the cradle. The plurality of arms 166 extend from the body 164 at generally right angles to the body. An outermost end 168 of each arm 166 curves slightly inwardly to hold the recording component 14 within the cradle 158. In particular, the recording component 14 is snap-fit within the cradle 158, such that the flexible arms 166 can be moved slightly outwardly to place the recording component 14 against the cradle's body 164. The outermost end 168 of each arm 166 then wraps around the recording component 14 to snap or frictionally secure the recording component 14 within the cradle 158.

[0087] A portion 170 of the body 164 of the cradle 158 extends rearwardly, as illustrated in Fig. 11, to receive the mounting arm 160, and is provided with a plurality of openings 172. The mounting arm 160 can then be secured to the body 164 of the cradle 158 through any one of the openings 172, as discussed in more detail below, depending on a desired positioning of the mounting assembly 16d. It should be appreciated that

the mounting arm 160 may also be secured to the body 164 of the cradle 158 in a plurality of angles or orientations. For example, as illustrated in Fig. 11, a longitudinal axis of the mounting arm 160 (i.e., the axis extending from the narrow to the wide ends of the arm) is generally perpendicular to a transverse axis of the cradle 158. However, the mounting arm 160 could be positioned so that its longitudinal axis is generally parallel to the transverse axis of the cradle 164 by rotating the arm approximately 90 degrees to the left or to the right from the orientation shown in Fig. 11. Thus, the mounting arm 160 can be positioned at any desired angle relative to the cradle 158 and further can be positioned at different locations on the cradle 158 by securing a screw through one of the plurality of openings 172 in the cradle 158, as further described below.

[0088] The mounting arm 160 comprises a tapered body 174 having a wide end 176 and a narrow end 178. The wide end 176 is provided with a first hole or opening 180 through the body 174 to receive a first screw (not shown) for securing the mounting arm 160 to the body 164 of the cradle 158. In particular, the first screw (not shown) is located through the first opening 180 in the wide end 176 of the mounting arm 160 and through one of the plurality of openings 172 in the body 164 of the cradle 158 to secure the mounting arm 160 to the cradle 158. The narrow end 178 is provided with the second hole or opening 182 through the body 174 to receive a second screw 186 for securing the first clip mounting bracket 162 to the body 174 of the mounting arm 160. The narrow end 178 of the mounting arm 160 is provided with a raised, generally circular positioning mount 188 for positioning the attached camera component 12 in a plurality of orientations. The circular positioning mount 188 extends generally rearwardly

from the body 174 of the mounting arm 160 (i.e., the direction opposite the front of the recording component 14 when mounted in the cradle 158) and includes a plurality of depressions 190. In particular, four depressions 190 are provided, one at each of the general north, south, east, and west locations on the circular positioning mount 188. However, it should be appreciated that more or less depressions may be provided and may also be positioned at different locations on the circular positioning mount 188. The location of each depression 190 corresponds to a preferred angle or orientation of a position of the camera component 12 as described below.

[0089] The first clip mounting bracket 162 is sized and configured to removably retain the camera component 12 and includes a front face 192 (facing towards the mounting arm 160 when the first clip mounting bracket 162 is secured to the mounting arm 160) and a rear face 194 (facing towards the rear of the camera component 12 when the camera component 12 is retained in the first clip mounting bracket 162). The front face 192 of the first clip mounting bracket 162 is provided with a plurality of detents 196 configured to be received in the plurality of depressions 190 on the circular positioning mount 188 of the mounting arm 160. In embodiments, the mounting bracket 162 includes four detents 196, one of each provided at the general north, south, east, and west locations to coincide with the location of the depressions 190 on the circular positioning mount 188. However, it should be appreciated that more or less detents 196 may be provided and may also be positioned at different locations on the first clip mounting bracket 162.

[0090] The first clip mounting bracket 162 is pivotably secured to the narrow end 178 of the mounting arm 160, as illustrated in Figs. 11 and 12. The second screw 186 is

located through the second hole or opening 182 in the narrow end 178 of the mounting arm 160 and secured to the mounting bracket 162 to couple the components together. To enable pivoting of the clip mounting bracket 162 relative to the mounting arm 160, a spring 198 surrounds the second screw 186. The spring 198 enables the clip mounting bracket 162 to be pulled by the user away from the mounting arm 160, such that the detents 196 on the bracket 162 clear the circular positioning mount 188. That is, in a secure position, the detents 196 are held in or otherwise interfit with the depressions 190, as illustrated in Figs. 11 and 12. During pivoting of the mounting bracket 162, the bracket is pulled laterally from the mounting arm 160 so that the detents 196 slide above the circular positioning mount 188 during rotation of the bracket 162 relative to the mounting arm 160. Upon rotating the mounting bracket 162 to the desired location, the spring 198 locates the mounting bracket 162 back towards the mounting arm 160, such that the detents 196 again interfit with the depressions 190 and secure the mounting bracket 162 in position.

[0091] The rear face 192 of the first clip mounting bracket 162 is provided with a pair of walls 200 that create a track or slot 202 within which the clip 104 of the second mounting assembly 16b can be frictionally secured. As illustrated in Fig. 13, the walls 200 are positioned on the edge of the rear face 192 of the clip mounting bracket 162. A width of the track 202 created between the walls 200 is approximately the same size as (or slightly larger) than a width of the first and second plates 106,108 of the clip 104. The width of the plates 106,108 increases from the open end 120 to the grasping end 118 of the clip 104, and similarly, the width of the track 202 in the mounting bracket 162 widens from a lower to an upper end of the track. The camera component 12 can then

be secured to the clip 104, as described above, and the clip 104 can be secured within the track 202 on the clip mounting bracket 162. To assist with securing the clip 104 in the clip mounting bracket 162, the walls 200 of the track are each provided with a locking tab 184 at the lower end and as best illustrated in Figs. 13 and 14. The locking tab interfits with ridges 185 on the plates 106,108 of the clip 104.

[0092] The fourth mounting assembly 16d is configured to be mounted to a vehicle, such as the inside of a vehicle near a dashboard, an upper middle console, a windshield, or any other location desired by the user. To mount the mounting assembly 16d to the vehicle, the mounting assembly further includes a coupler 204, such as a RAM mount sold by RAM Mounts®. The coupler 204 includes a ball joint 206 operable to be secured to the mounting arm 160 and cradle 158 via a screw (not shown) threaded through the first hole 180 of the mounting arm 160. Extending from the ball joint 206 is a ball 208 operable to be received in a socket 210 of a separate mounting installation 212, such as the RAM mount. The separate mounting installation 212 may be a suction-cup unit that includes the socket 210 for receipt of the ball 208 of the ball joint 206. The suction-cup unit can then be mounted to the windshield or dashboard of the vehicle. Other methods and configurations of mounting the fourth mounting assembly 16d within the vehicle may be employed.

[0093] A fifth mounting assembly 16e illustrated in Figs. 18-20 is substantially similar to the fourth mounting assembly 16d, except that instead of the first clip mounting bracket 162, the mounting assembly 16e includes a button mounting bracket 212 sized and configured to operate with the button-mount assembly 16a. It should be noted that in reference to the figures, like structure is identified with the same reference

numeral. The button mounting bracket 212 is operable to be secured to the mounting arm 160 of the fourth mounting assembly 16d and removably retains the camera component 12. The button mounting bracket 212 includes a front face 214 (facing towards the mounting arm 160 when the button mounting bracket 212 is secured to the mounting arm 160) and a rear face 216 (facing towards the rear of the camera component 12 when the camera component 12 is retained on the button mounting bracket 212). The front face 214 of the button mounting bracket 212 is provided with the plurality of detents 196, substantially similar to the first clip mounting bracket 162, that are configured to be received in the plurality of depressions 190 on the circular positioning mount 188 of the mounting arm 160. The button mounting bracket is pivotably secured to the narrow end 178 of the mounting arm 160, as illustrated in Fig. 18 and as described above for the fourth mounting assembly 16d.

[0094] The rear face 216 of the button mounting bracket 212 is provided with a large boss 218 that simulates the button to which the button-mount assembly 16a is attached. Thus, it should be understood that the button mounting bracket 212 does not mount to an actual button but rather uses the button-mount assembly 16a to removably couple the camera component housing 30 to the mounting arm 160 via the button mounting bracket 212. That is, when the camera component 12 has the button-mount assembly 16a secured to it, the mounting bracket 54 of mounting assembly 16a is slid over the boss 218, such that the boss 218 fits within the longitudinal track 56 of the mounting bracket 54. The retention clip 58 can then be used to secure the mounting bracket 54 on the boss, as described above for mounting assembly 16a.

[0095] Similar to the fourth mounting assembly 16d, the button mounting bracket 212 of the fifth mounting assembly 16e is sized and configured to be pivotably secured to the mounting arm 160, and the mounting arm is in turn secured to the cradle 158. The fifth mounting assembly 16e thus provides for indirectly mounting the camera component 12 to the cradle 158 via the mounting arm 160 without having to remove the button-mount assembly 16a secured to the camera component housing 30. In embodiments, the user is provided with two mounting arms 160, each having either the first clip mounting bracket 162 or the button mounting bracket 212 secured thereto so that the user does not have to remove the respective mounting bracket 162,212.

[0096] A sixth mounting assembly 16f is illustrated in Figs. 21 and 22 and is a hat mount for mounting the video recording system 10 to the user's helmet, cap, or other type of hat 220, directly to the user's head, or to an animal, such as a canine. The sixth mounting assembly 16f works in conjunction with a strap 222 that surrounds the hat 220, such as a strap that is buckled or stretchable to fit securely on the hat. The mounting assembly 16f is sized and configured to mount the button-mount assembly 16a described above. That is, when the camera component 12 is secured to the button-mount assembly 16a, the button-mount assembly 16a can be secured to the user's hat 220 via the mounting assembly 16f, such that the camera component 12 is secured to the user's hat. The recording component 14 can also be secured to the user's hat 220 via the mounting assembly 16f. In particular, when the recording component 14 is mounted in the cradle 158 of mounting assembly 16d or 16e, the cradle can be mounted to the hat via the mounting assembly 16f, as further described below.

[0097] The mounting assembly 16f broadly comprises a first mounting plate 224 for mounting the camera component 12 and a second mounting plate 226 for mounting the recording component 14. The first mounting plate 224 is slightly concave about a lateral axis to fit snugly against an arcuate crown of the hat 220. The first mounting plate 224 comprises two vertical slots 228 formed in the plate 224 for threading of the strap 222 on the hat 220 therethrough. A third lateral slot 230 is provided along a top end of the plate 224 for a further securement point, if desired. An outward face of the plate 224 includes a hinged backplate 232 for receipt of the button-mount assembly 16a. As illustrated in Fig. 21, the hinged backplate 232 is attached, at its general bottom end, to a general bottom center of the first mounting plate 224 via a hinge 234. The backplate 232 is rotatable along a vertical axis relative to the first mounting plate 224, and in embodiments, pressure actuated by the user is needed to rotate the backplate 232 (that is, the backplate 232 does not rotate easily, such that the attached camera component 12 stays in the desired position). A boss, substantially similar to the boss 218, is located on the hinged backplate 232. Similar to the mounting assembly 16e, the button-mount assembly 16a is secured to the hinged backplate 232 by locating the boss 218 in the longitudinal track of the button-mount assembly 16a.

[0098] Referring to Fig. 21, the second mounting plate 226 is similar to the first mounting plate 224, except that the second mounting plate 226 does not include the hinged backplate 232 and instead includes two screw holes 236 for securing the second mounting plate 226 to the cradle 158. In use, the second mounting plate 226 is positioned to a rear or side of the user's head.

[0099] A seventh mounting assembly 16g is substantially similar to the sixth mounting assembly 16f that is a hat mount, except that mounting assembly 16g is sized and configured to mount the camera component 12 when it is attached to the clip 104 of the second mounting assembly 16b. Referring to Figs. 23-25, the mounting assembly 16g comprises the first and second mounting plates 224,226 that are substantially similar to the first and second mounting plates 224,226 of mounting assembly 16f. The only difference is that instead of the large boss 218, the hinged backplate 232 secured to the first mounting plate 224 includes a recessed seat 238 and a post 240. The seventh mounting assembly 16g further includes a second clip mounting bracket 242 that is substantially similar to the first clip mounting bracket 162, except that a front face 246 of the second clip mounting bracket 242 is provided with an octagonal-shaped seat 248 for interfitting with the recessed seat 238 on the hinged backplate 232. In embodiments, the user can rotate the clip 104 at 45 degree angles relative to the hinged backplate 232. The octagonal-shaped seat 248 assists with locating the clip 104 at the desired angle. In use, the user secures the clip 104 at the desired angle by inserting a screw 244 through a receiving post 250 on the front face 246 of the second clip mounting bracket 242. In alternative embodiments, the clip 104 may be rotatable relative to the hinged backplate 232 without having to screw in position. It should be appreciated that the octagonal-shaped seat 248 could be provided on the hinged backplate 232, and the recessed seat 238 could be provided on the front face 246 of the second clip mounting bracket 242.

[00100] In an eighth mounting assembly 16h shown in Figs. 26 and 27, either of the button-mount assembly 16a or the clip mounting assembly 16b (not shown) is

secured to the eighth mounting assembly 16h to provide for angling of the camera component 12 along a vertical axis (i.e., relative to a horizontal plane). The eighth mounting assembly 16h comprises first and second plates 252,254 secured together via a hinge 256. The first plate 252 is secured to the rear of the camera component 12 via a screw 258, and the second plate 254 is secured to either the mounting bracket 54 of the button-mount assembly 16a or the clip 104 of the clip mounting assembly (not shown). An outer face of the first plate 252 (the face closest to the camera component 12) includes a raised seat 260 sized and configured to interfit with the recessed seat 48 on the camera component housing 30. The two plates 252,254 are secured together at their respective bottom ends via the hinge 256. The hinge 256 allows for rotation of one plate with respect to the other plate. In embodiments, the hinge 256 is generally tight, such that it does not easily rotate but instead will only rotate upon pressure being applied by the user against the first plate 252, which is secured to the camera component 12, or the camera component itself.

[00101] The user can couple the button-mount assembly 16a to the second plate 254, as shown in Fig. 26. The user can then mount the button-mount assembly 16a to the user's shirt or article of clothing, as described above. The hinged plates 252,254 allow the camera component 12 to be rotated to different angles relative to the horizon. As noted above, the hinged plates 252,254 of the eighth mounting assembly 16h could also be secured to the clip 104 of the second mounting assembly 16b, such that the second plate 254 is secured to the clip 104 via a screw.

[00102] Referring now to Figs. 28 and 29, a ninth mounting assembly 16i comprises a saddle bracket 262 for securing the camera component 12 to a barrel of a

firearm (not shown). The saddle bracket 262 includes a body 264 having a top end 266 and a bottom end 268. A general upper half of the body 264 includes two arms 270 that are sized and configured to extend around the barrel of a firearm. The saddle bracket 262 can then be secured to the firearm by inserting two screws (not shown) through openings 272 in two tabs 274 extending from the top end 266 of the bracket 262. The bottom end 268 of the saddle bracket 262 is provided with an octagonal-shaped raised seat 276, similar to the seat 248. The raised seat 276 is configured to receive the second clip mounting bracket 244 of the seventh mounting assembly 16g, similar to how the second clip mounting bracket 244 is secured to the hinged backplate 232 of the first mounting plate 224 of mounting assembly 16g.

[00103] Although the invention has been described with reference to the embodiments illustrated in the attached drawing figures, it is noted that equivalents may be employed and substitutions made herein without departing from the scope of the invention as recited in the claims.

[00104] Having thus described various embodiments of the invention, what is claimed as new and desired to be protected by Letters Patent includes the following:

CLAIMS:

1. A portable video system comprising:
a camera component for capturing video of an event, said camera component comprising a camera housed within a housing having a size configured to mount on a user's body,
said housing of the camera component including an input to instruct recording by the camera;
a recording component comprising a processor and a memory associated with the camera for storing the captured video; and
a mounting assembly for mounting the camera to the user's body, the mounting assembly being a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user.
2. The portable video system of claim 1, wherein said camera comprises an image sensor and a lens.
3. The portable video system of claim 2, wherein said camera component is operable to capture the event for a predetermined period of time prior to the user actuating the input to instruct recording by the portable video system.
4. The portable video system of claim 1,

wherein said slot of the slotted plate of the button-mount assembly is formed in the plate along a general longitudinal axis of said slotted plate, and

wherein the slot is open at a lower end of the slotted plate and closed at a general upper end of the slotted plate, such that the slot is placed behind the user's button and guided downwards over yarn or other material that secures the button to the user's clothing article so that the button extends from a general front of the slotted plate and the yarn or other material securing the button to the user's clothing article is held within the slot of the slotted plate.

5. The portable video system of claim 4,

wherein said button-mount assembly further includes a mounting bracket that at least partially overlays and forwardly extends from the front of the slotted plate to present a longitudinal track between said front of the slotted plate and the mounting bracket, and

wherein the button is held in the longitudinal track between the front of the slotted plate and the mounting bracket.

6. The portable video system of claim 5, wherein the button-mount assembly further includes a retention clip held in the longitudinal track between the front of the slotted plate and the mounting bracket and for securing in the track after placement of the slotted plate about the button, wherein the retention clip prevents the button-mount assembly from becoming dislodged from the user's clothing article.

7. The portable video system of claim 5, wherein the camera is configured to be coupled with the mounting bracket of the button-mount assembly.

8. The portable video system of claim 7,
wherein the camera includes a front side and a rear side, and wherein said rear side of the camera has a recessed seat, and
wherein the mounting bracket includes a ledge configured to interfit in said recessed seat of the camera to secure the camera to the button-mount assembly.

9. The portable video system of claim 1,
wherein said housing for the camera is a first housing,
wherein said processor and memory are stored in a second housing, and
wherein the second housing is physically separated from the first housing.

10. The portable video system of claim 9, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

11. A portable video system comprising:

a camera for capturing video of an event, said camera housed within a housing having a size configured to mount on a user's body;

a processor and a memory associated with the camera for storing the captured video; and

a mounting assembly for mounting the camera to the user's body, the mounting assembly being a clip configured for grasping a clothing article of the user.

12. The portable video system of claim 11,

wherein the clip includes at least two plates pivotably secured together at a general end of each plate, such that each plate pivots with respect to the other plate to position the plates in either of a closed position or an open position,

wherein when the plates are pivoted towards each other, the plates are in the closed position,

wherein when the plates are pivoted away from each other, the plates are in the open position, and

wherein when in the open position, the user can secure the plates around the clothing article of the user.

13. The portable video system of claim 12, wherein a spring is interposed between the plates at the end where the plates are pivotably secured together to provide a resilient tension that pivots the plates to a closed position unless the plates are otherwise actuated by the user.

14. The portable video system of claim 11,
wherein the camera includes a front side and a rear side, and wherein said rear side of the camera has a recessed seat, and
wherein at least one of the plates of the clip has a raised seat formed on an outward face of the plate and that is configured to interfit with the recessed seat of the camera to secure the camera to the clip.

15. The portable video system of claim 11,
wherein said housing for the camera is a first housing,
wherein said processor and memory are stored in a second housing, and
wherein the second housing is physically separated from the first housing.

16. The portable video system of claim 15, wherein said first and second housings are coupled via a wired cable for transmission of captured video from the camera stored in the first housing and to the memory stored in the second housing.

17. The portable video system of claim 11,
wherein said camera comprises an image sensor and a lens, and
wherein said camera is operable to capture the event for a predetermined period of time prior to the user actuating a power on input for the portable video system.

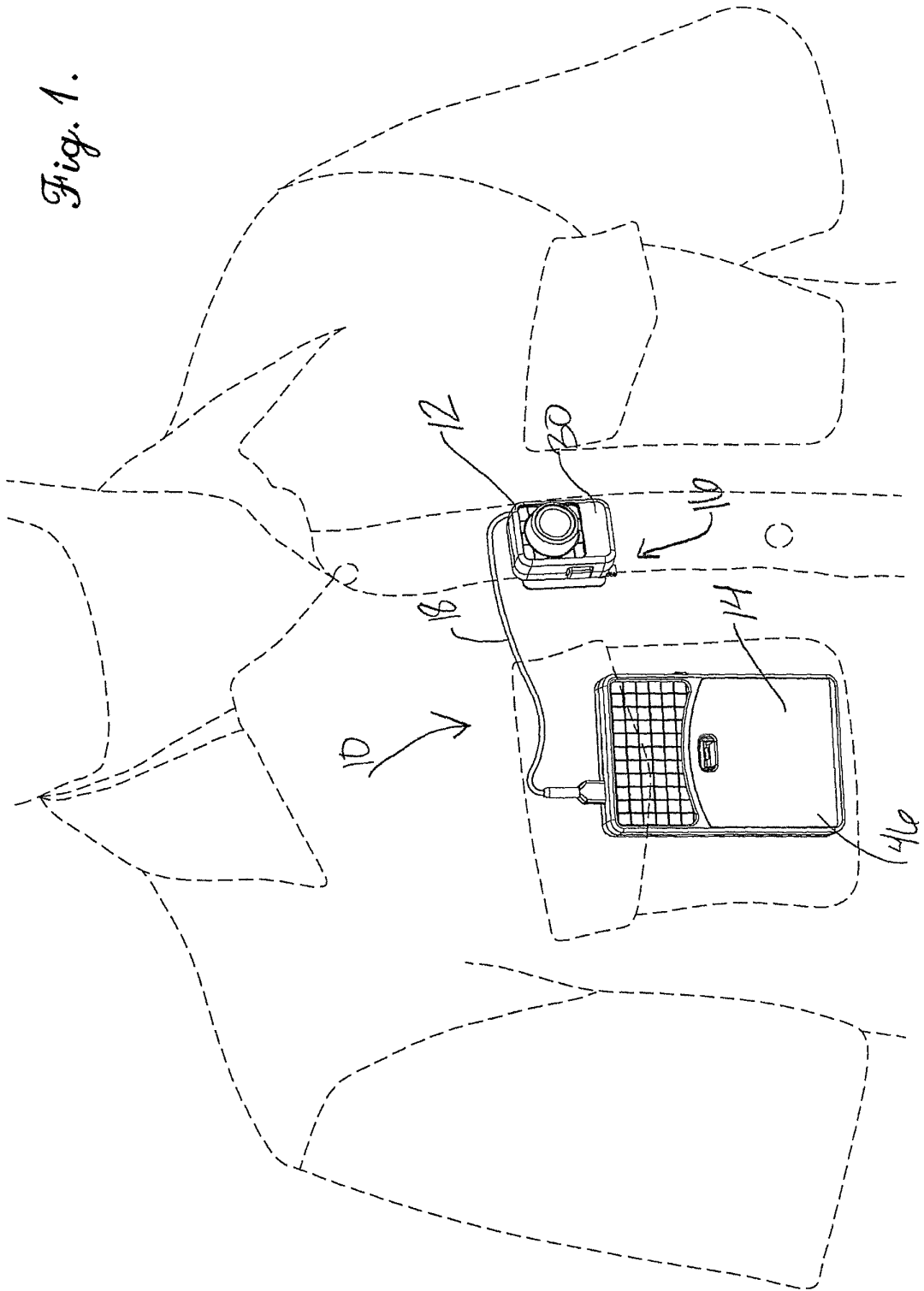
18. A portable video system comprising:
a camera for capturing video of an event, said camera housed within a first housing having a size configured to mount on a user's body;
a video recording device housed within a second housing and operable to record the captured video of the event,
said video recording device being communicatively coupled with the camera housed within the first housing,
said video recording device including a processor and a memory for storing said captured video of the event,
said second housing being physically separated from said first housing; and
a mounting assembly for mounting at least the camera to a user's body or a clothing article.

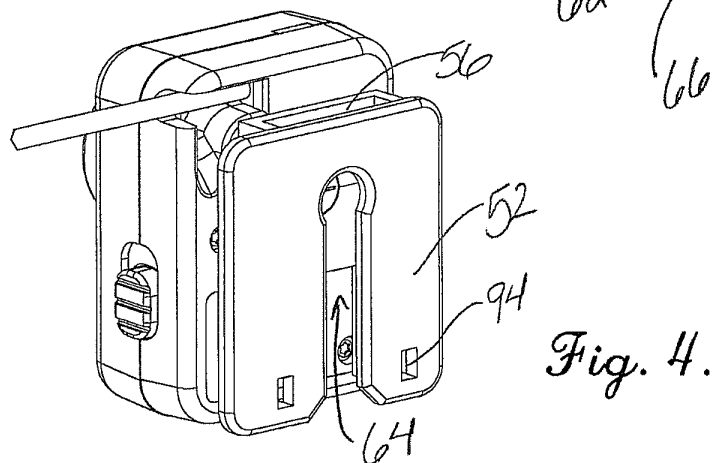
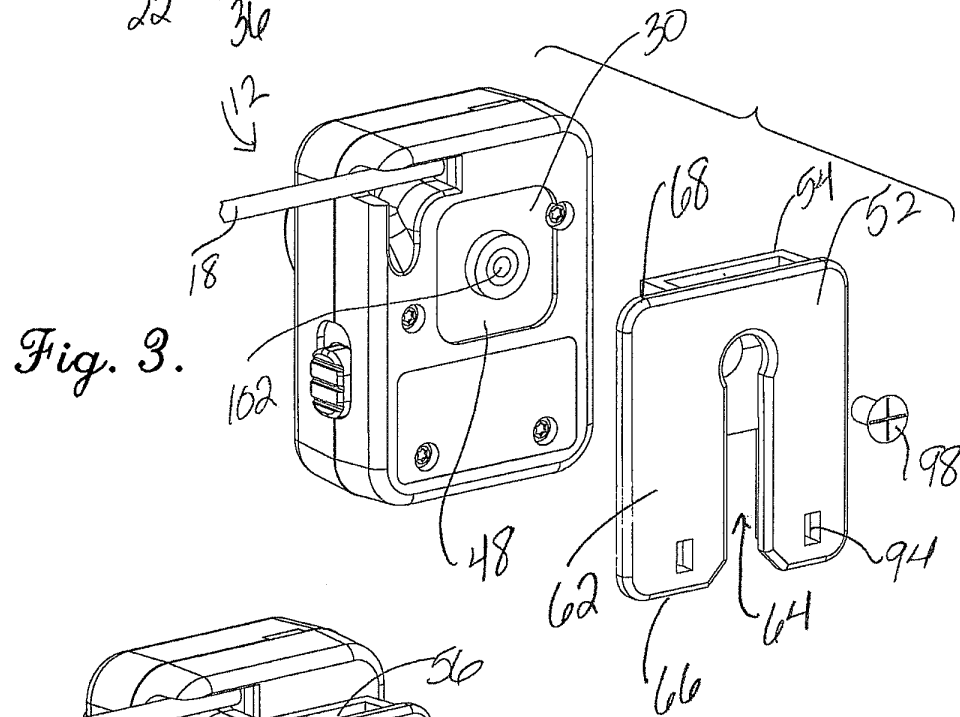
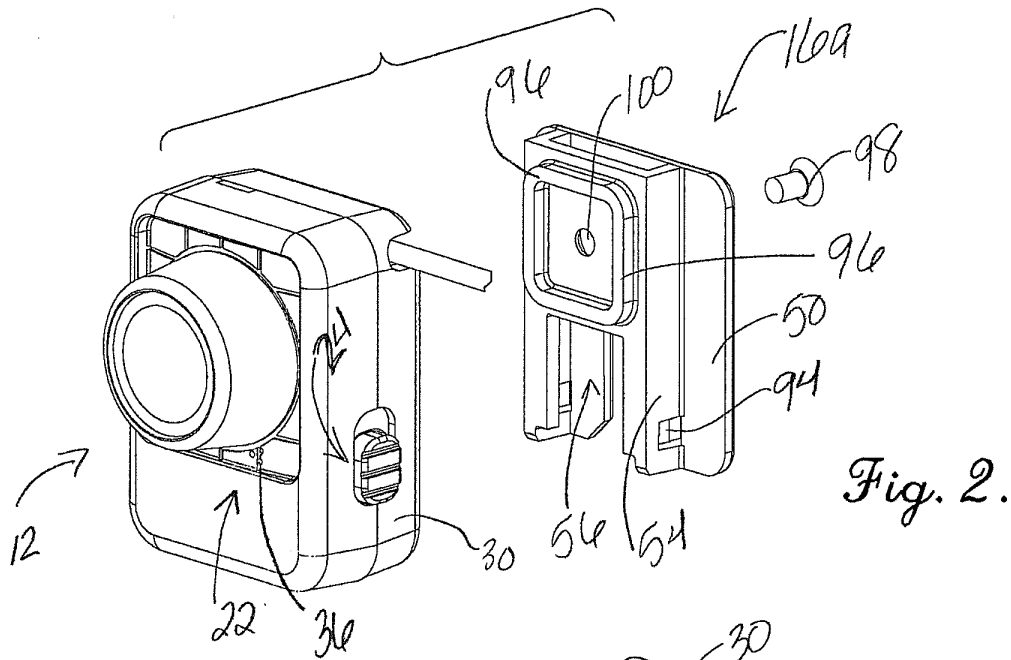
19. The portable video system of claim 18, wherein said mounting assembly is a button-mount assembly including a slotted plate presenting a slot for receipt of a button through the slot, wherein the button is located on a clothing article of the user.

20. The portable video system of claim 18,
wherein said mounting assembly is a clip,
wherein the clip includes at least two plates pivotably secured together at a
general end of each plate, such that each plate pivots with respect to the other plate to
position the plates in either of a closed position or an open position,
wherein when the plates are pivoted towards each other, the plates are in the
closed position,
wherein when the plates are pivoted away from each other, the plates are in the
open position, and
wherein when in the open position, the user can secure the plates around the
clothing article of the user.

ABSTRACT

A portable video and imaging system includes a camera for capturing video of an event, and a video recording device for recording the captured video of the event. The camera is housed in a first housing, the recording device is housed in a second housing, and the first and second housings are physically separate. Various embodiments provide for the system to be mounted to a user's body, an article of clothing, such as a shirt or a hat, to a vehicle, or to an ancillary component carried by the user, such as a firearm.

Fig. 1.



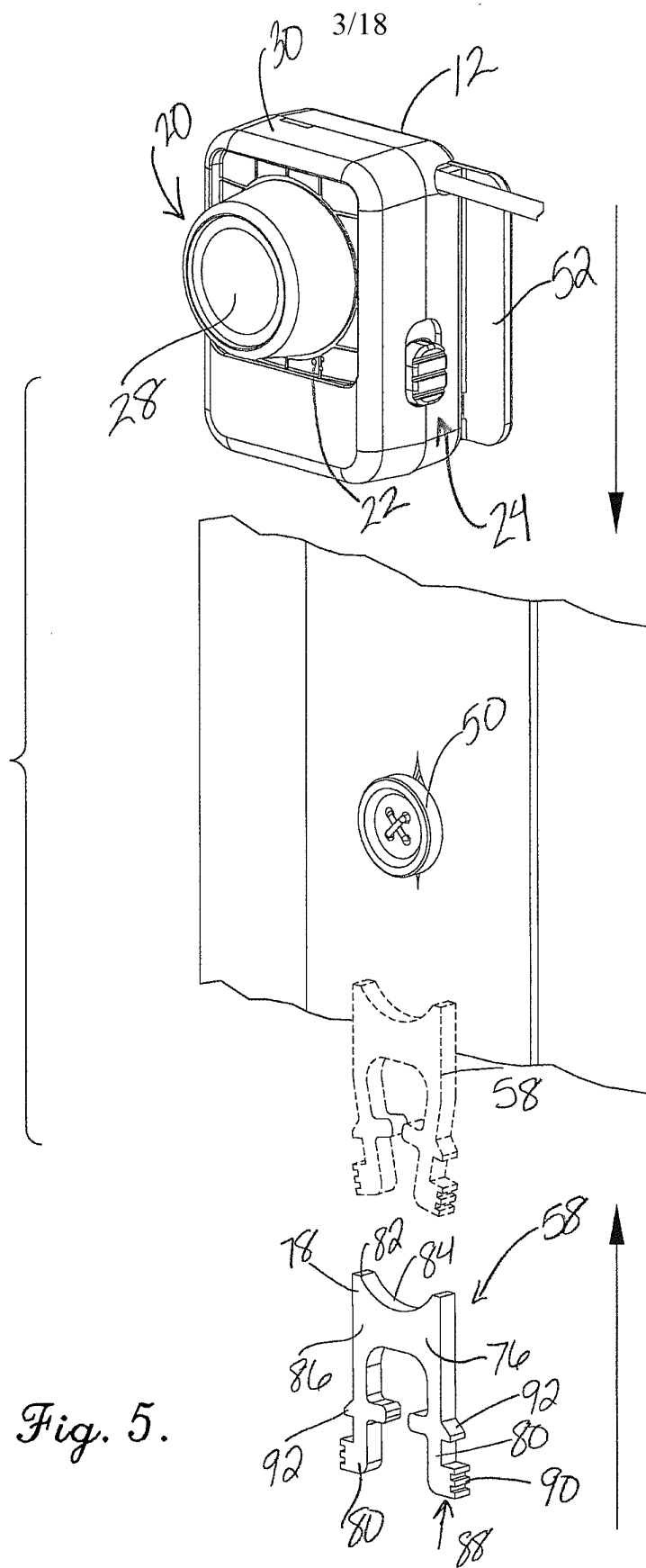


Fig. 5.

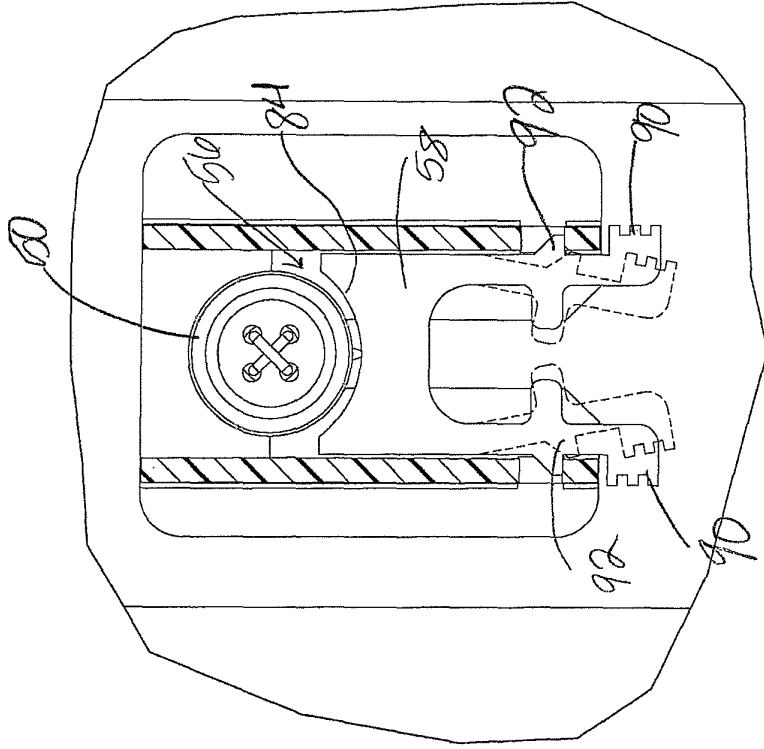
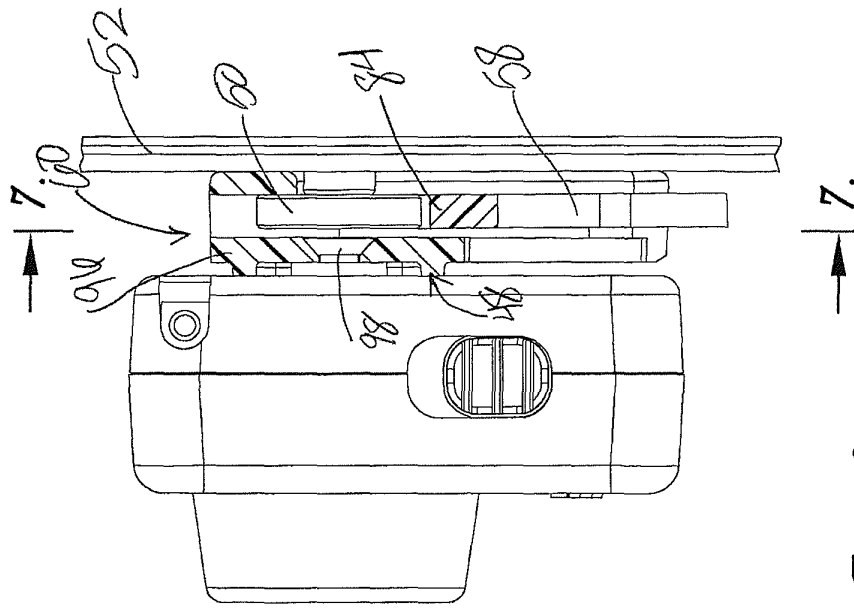
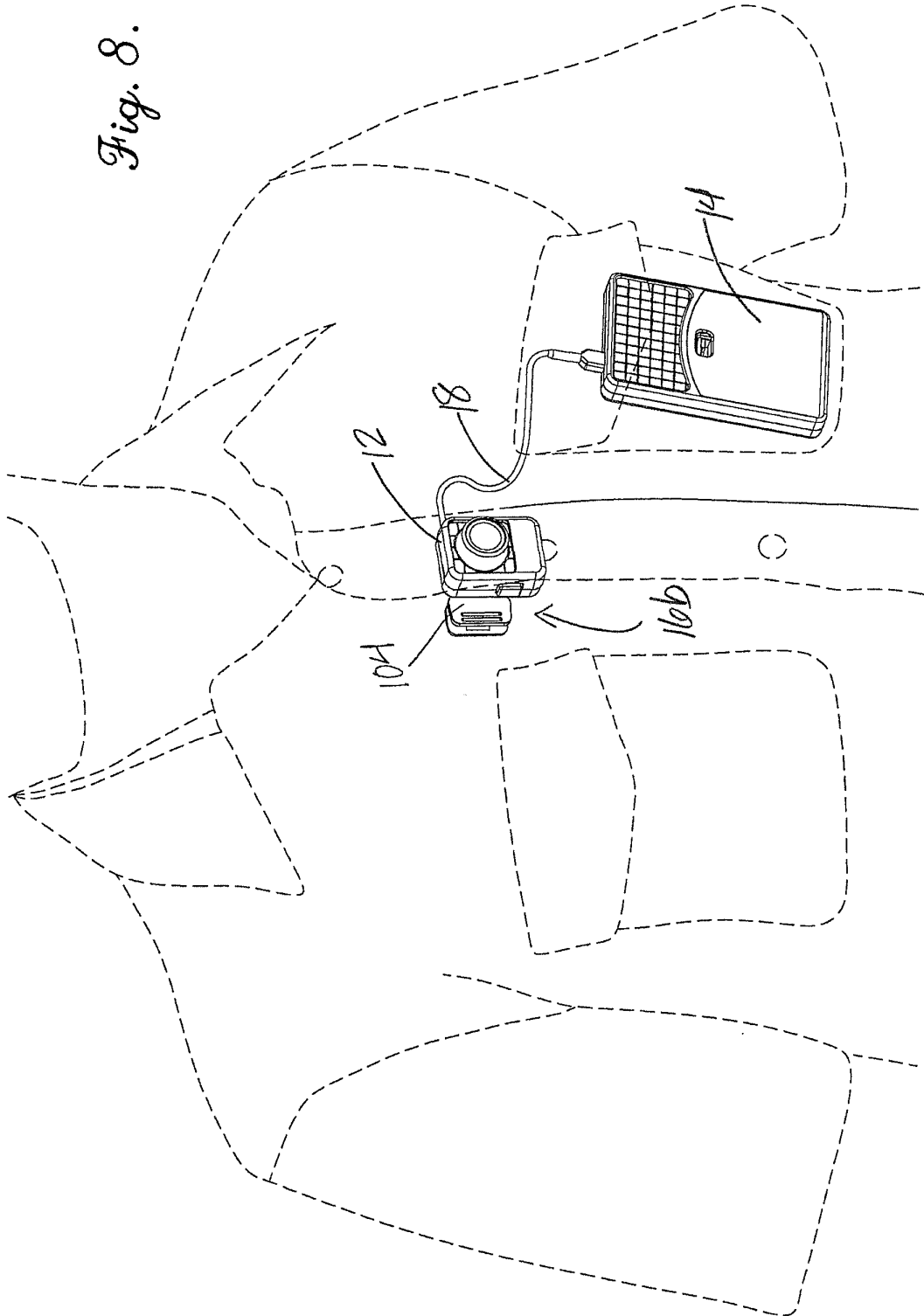
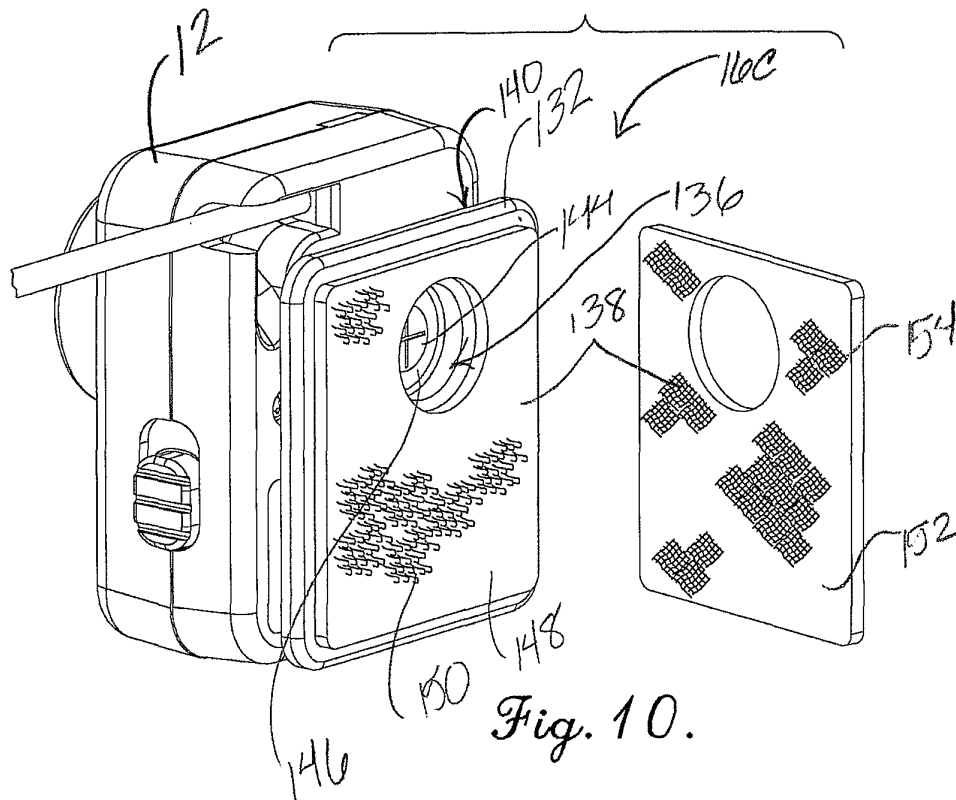
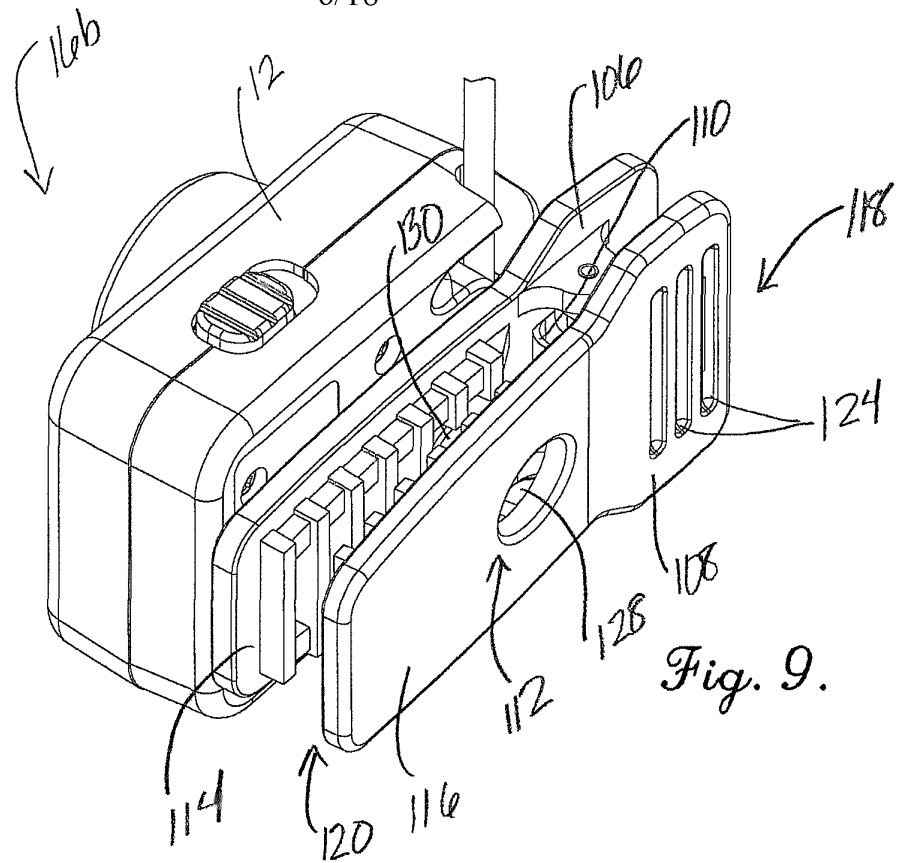
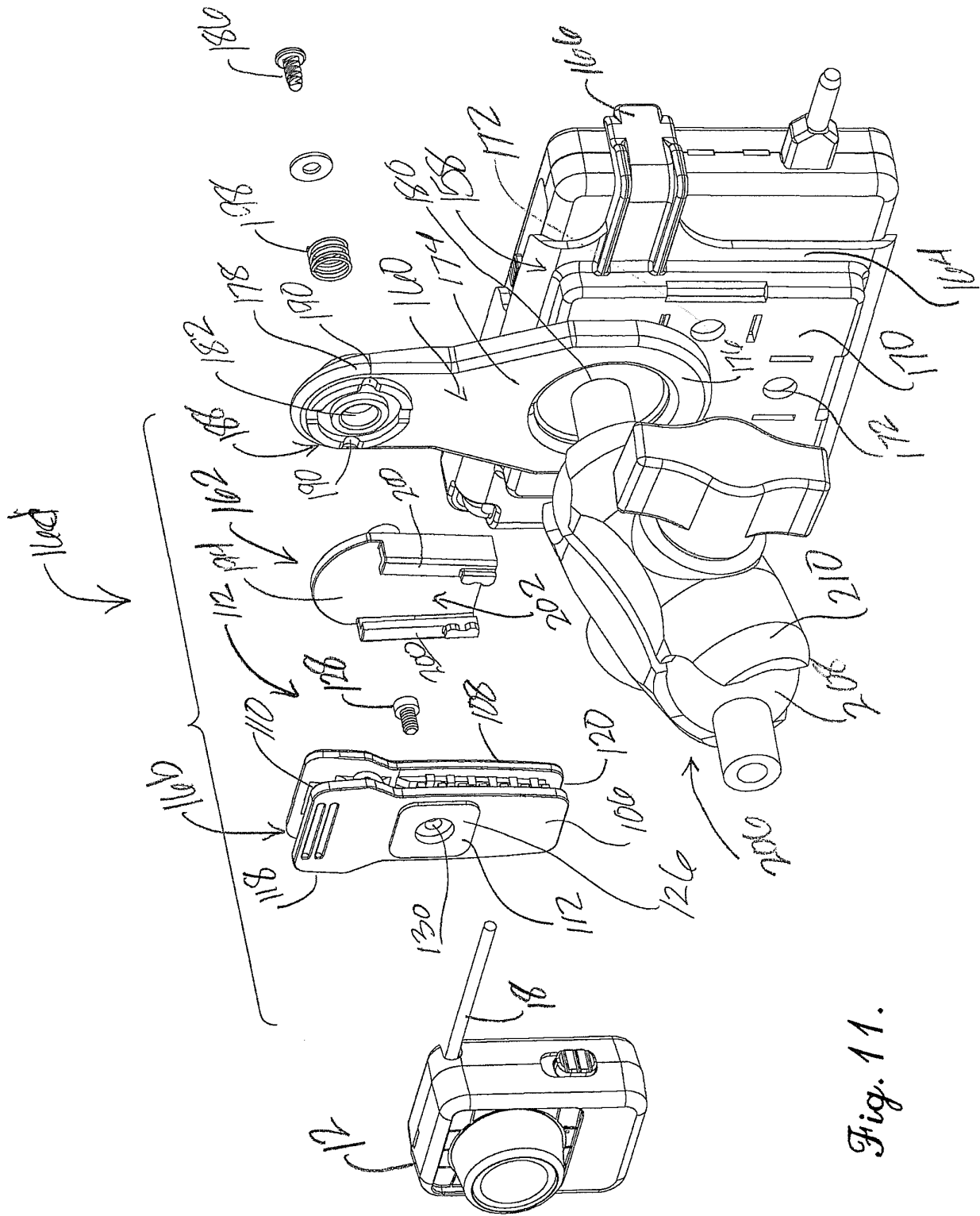
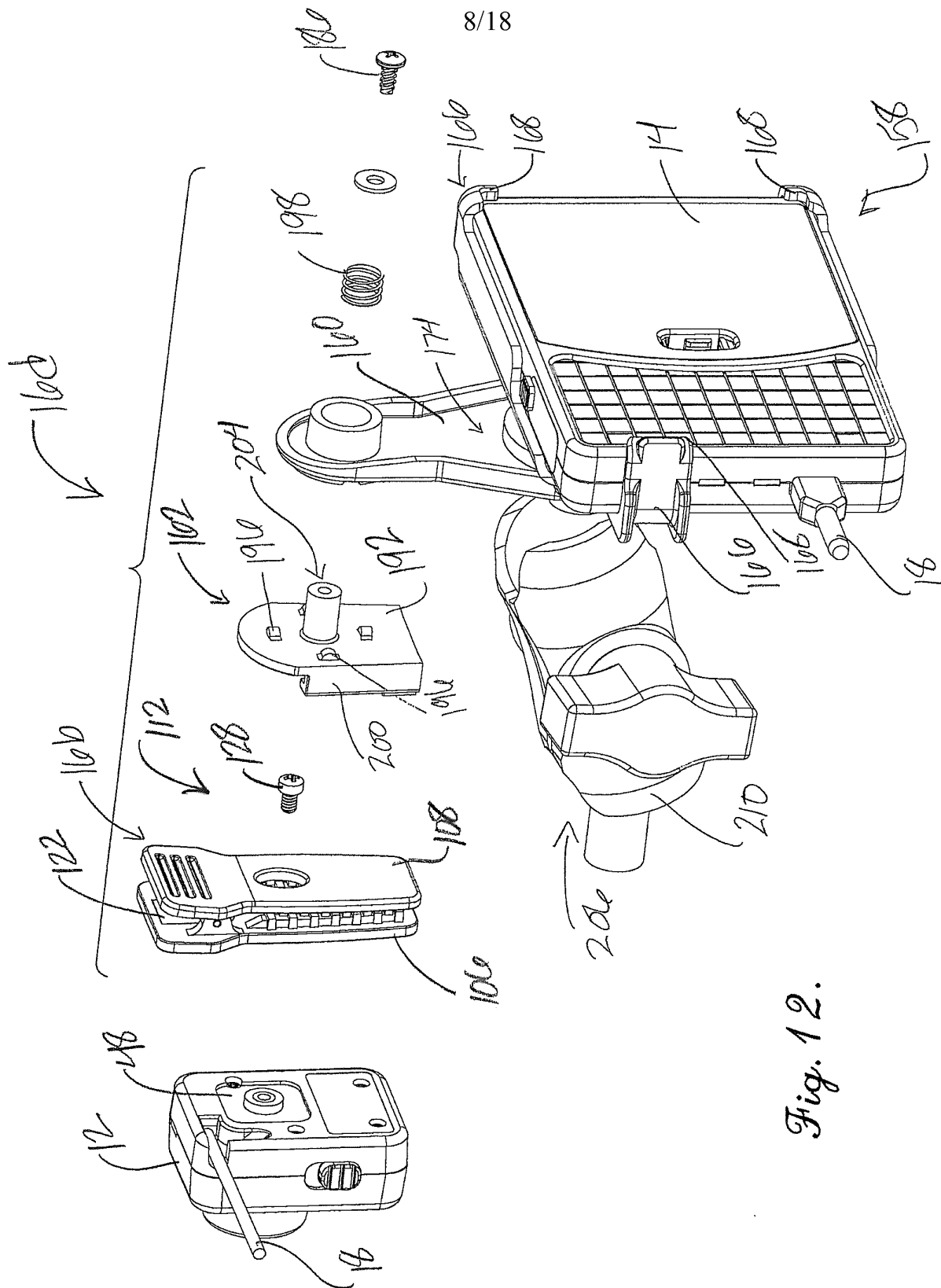
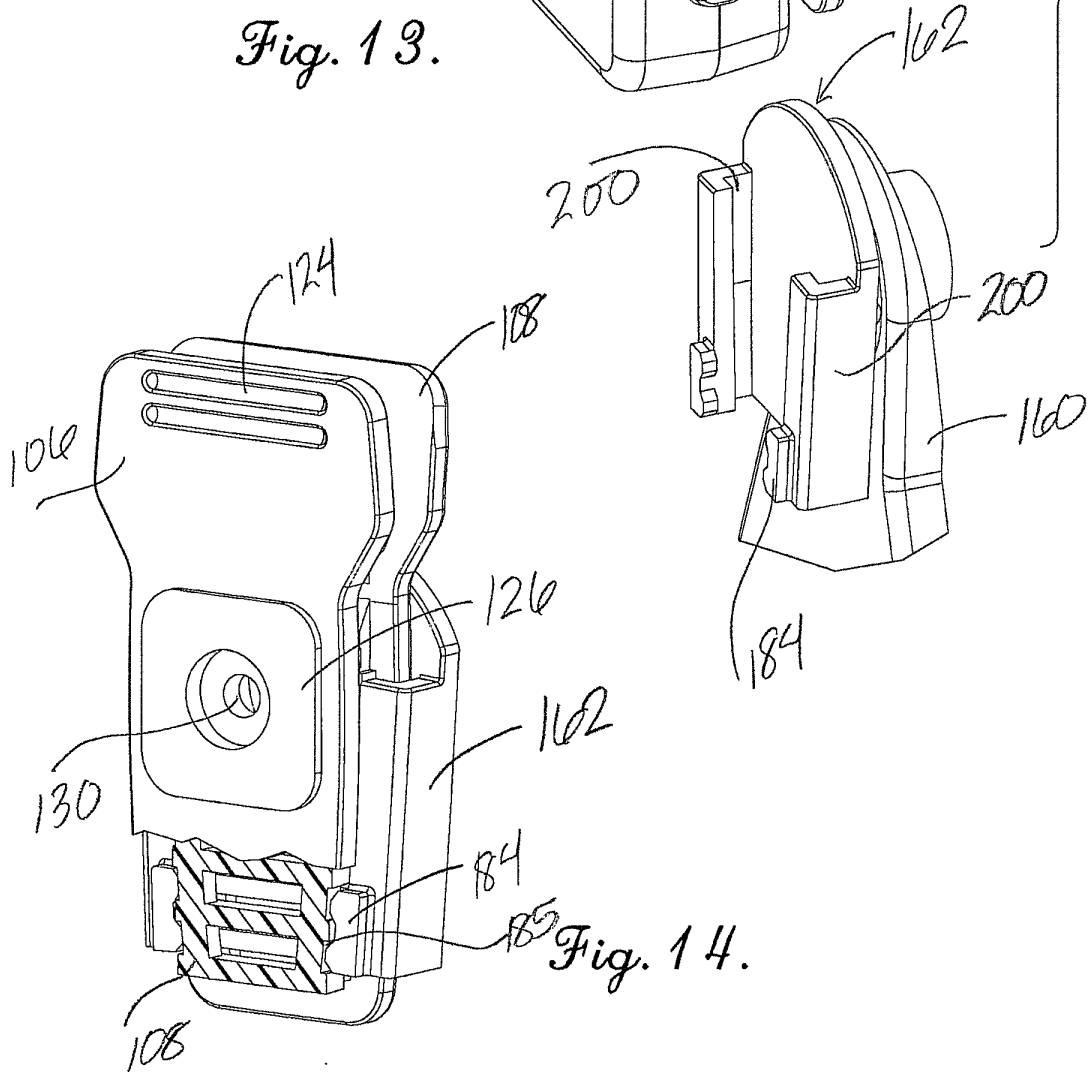
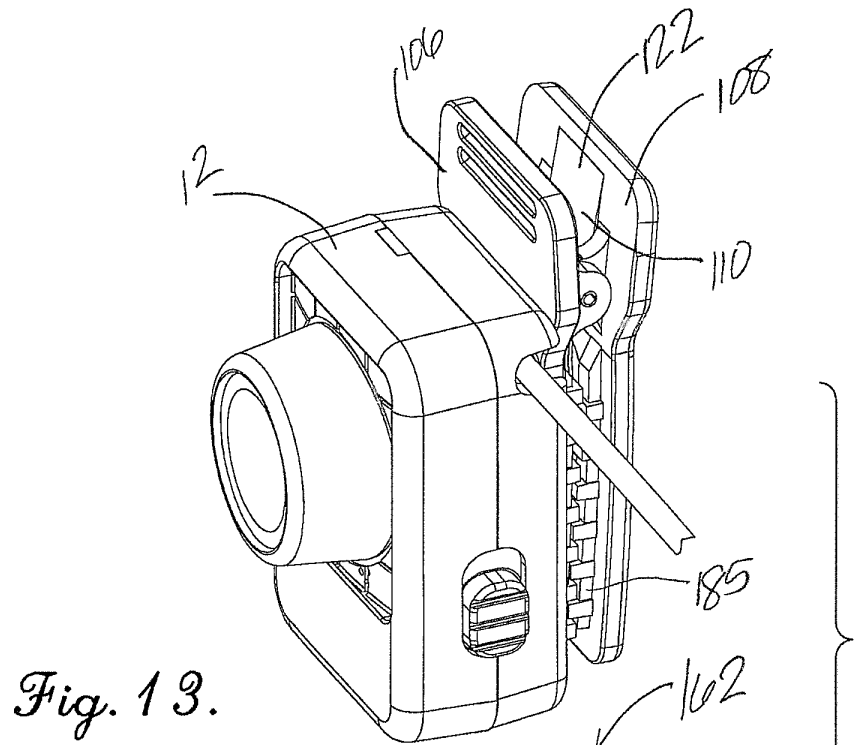


Fig. 8.









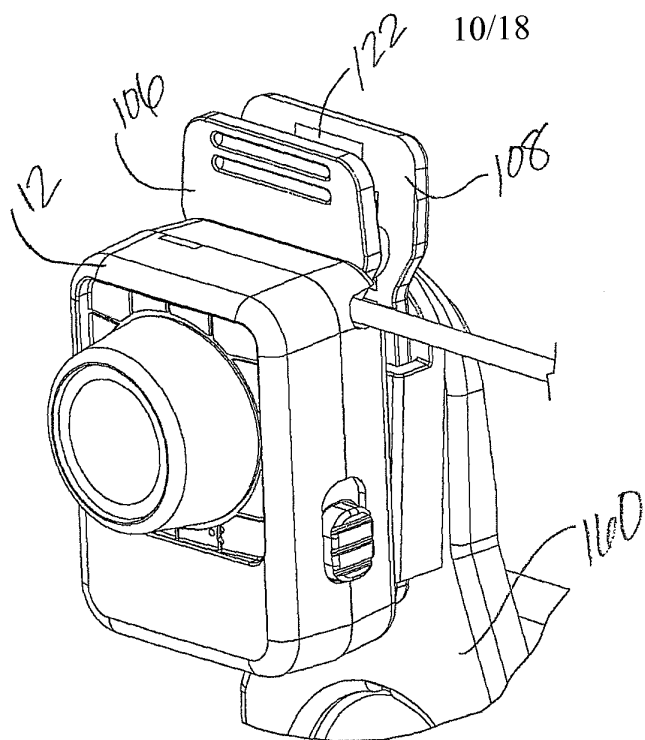


Fig. 15.

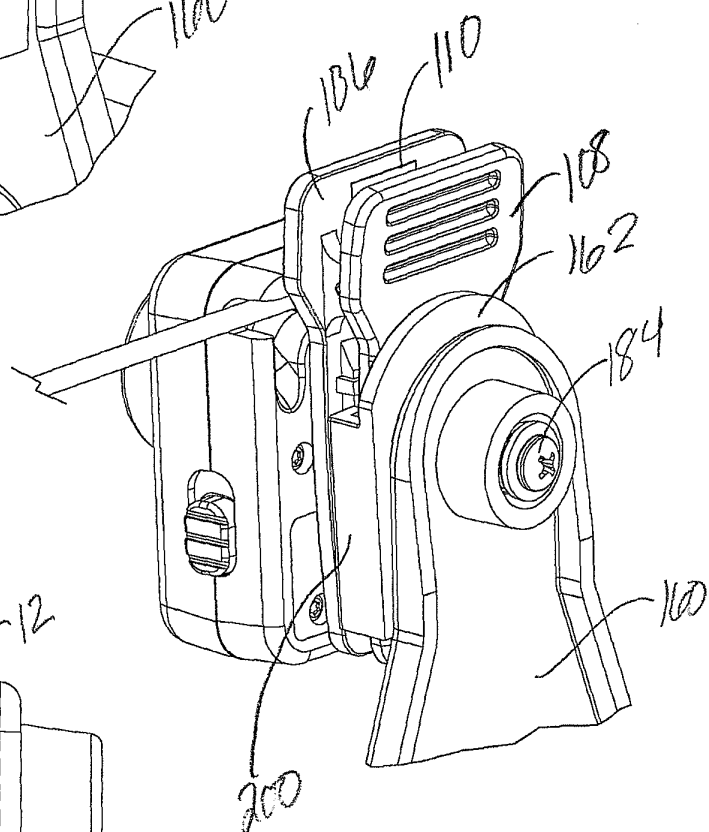


Fig. 16.

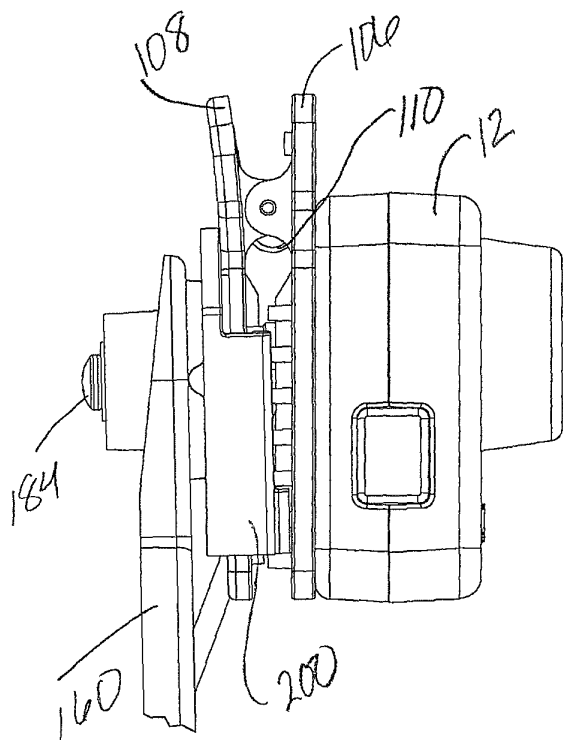


Fig. 17.

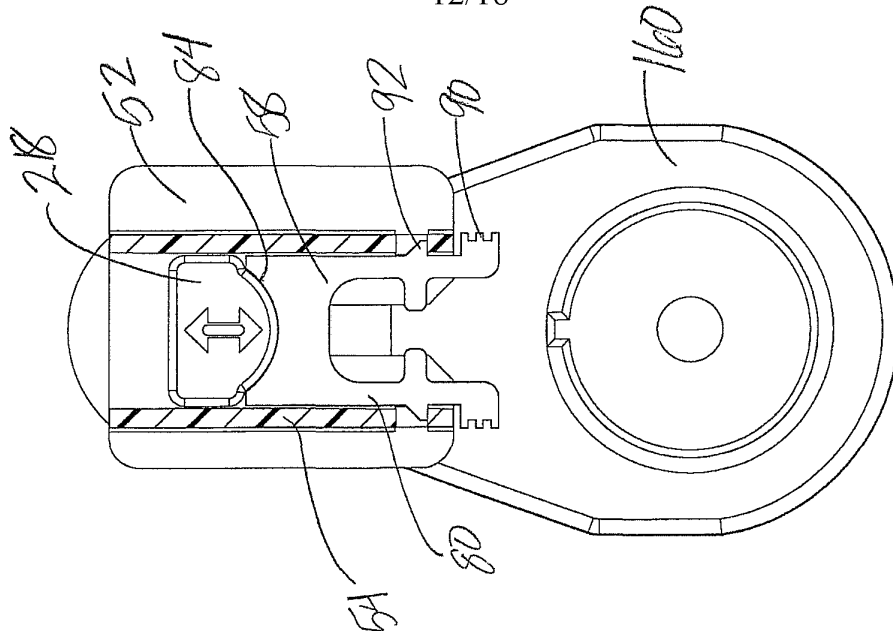


Fig. 20.

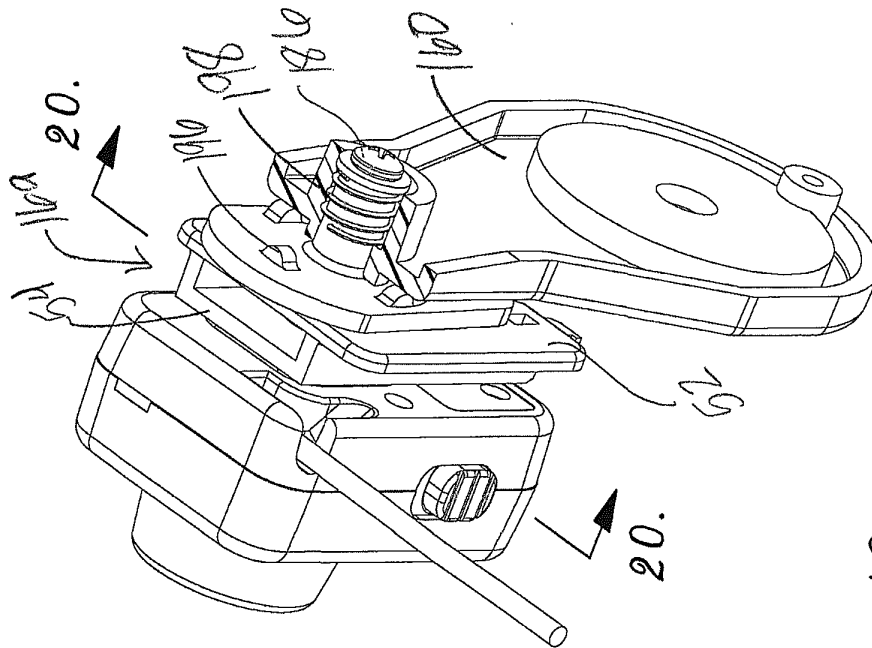
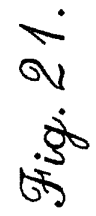


Fig. 19.



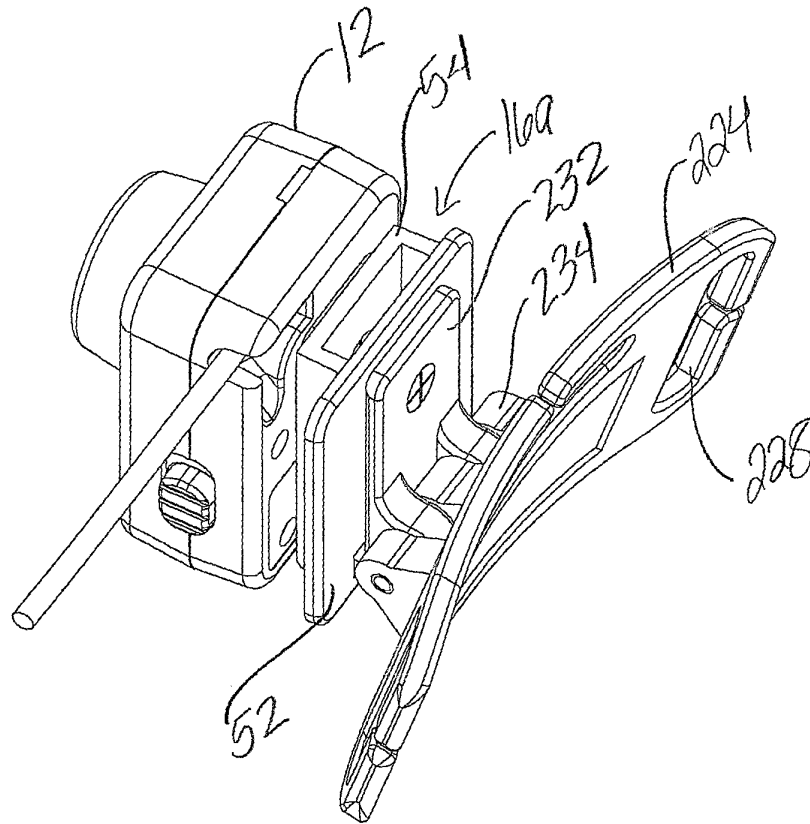


Fig. 22.

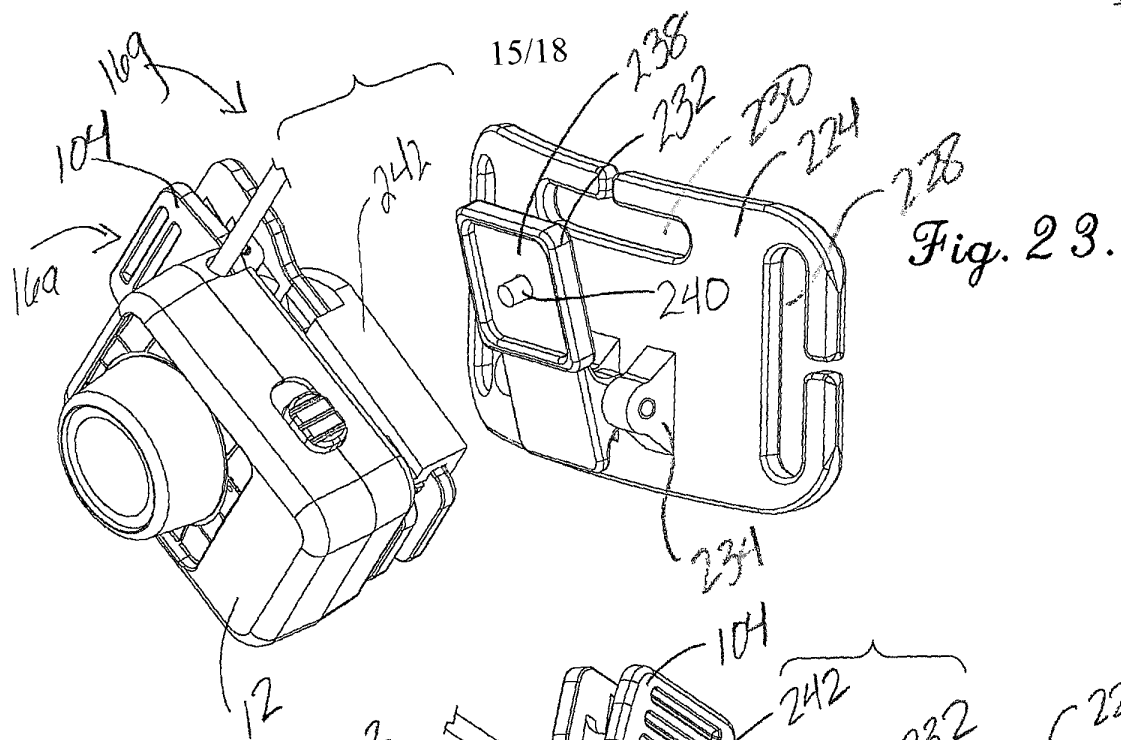


Fig. 24.

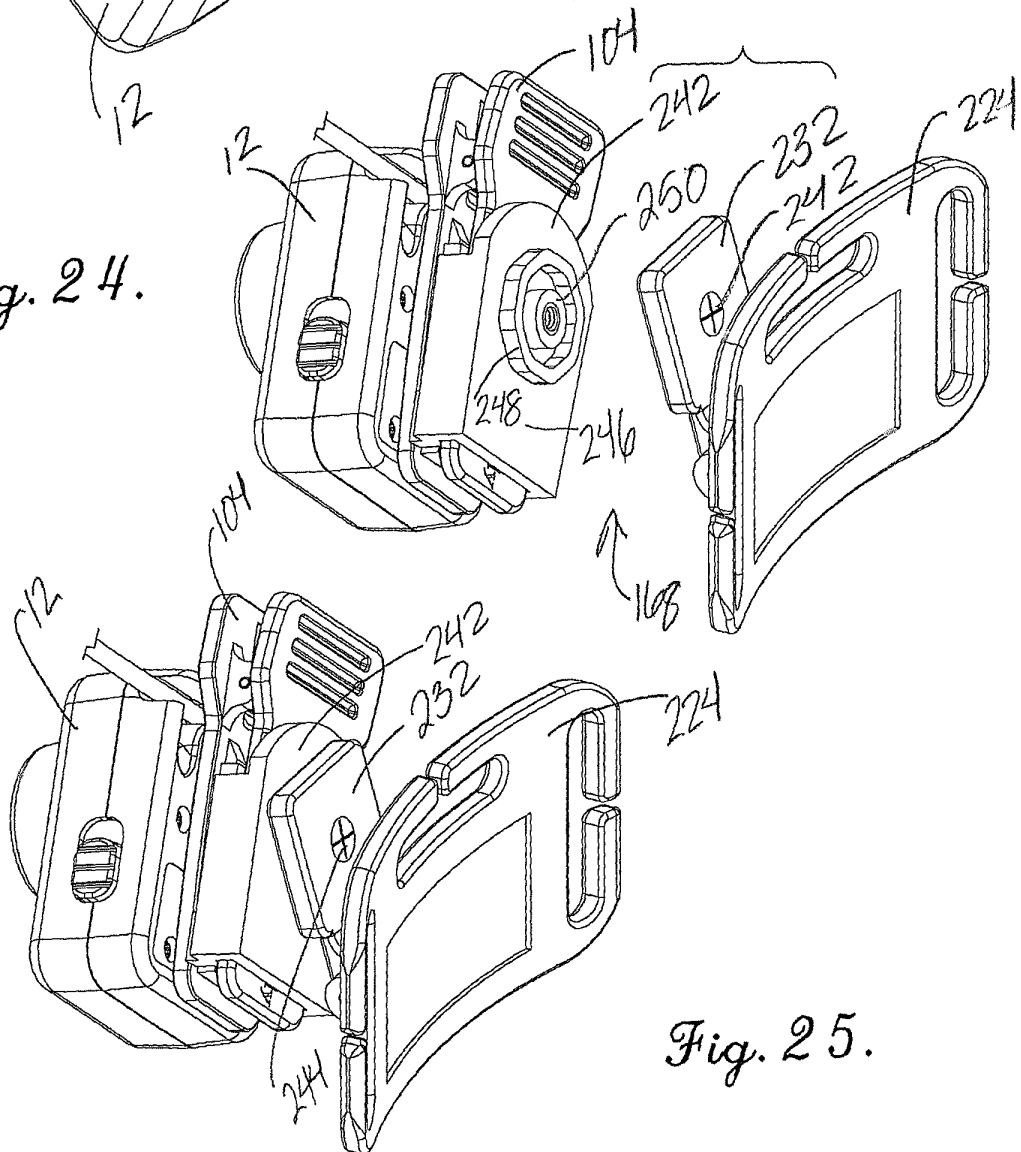


Fig. 25.

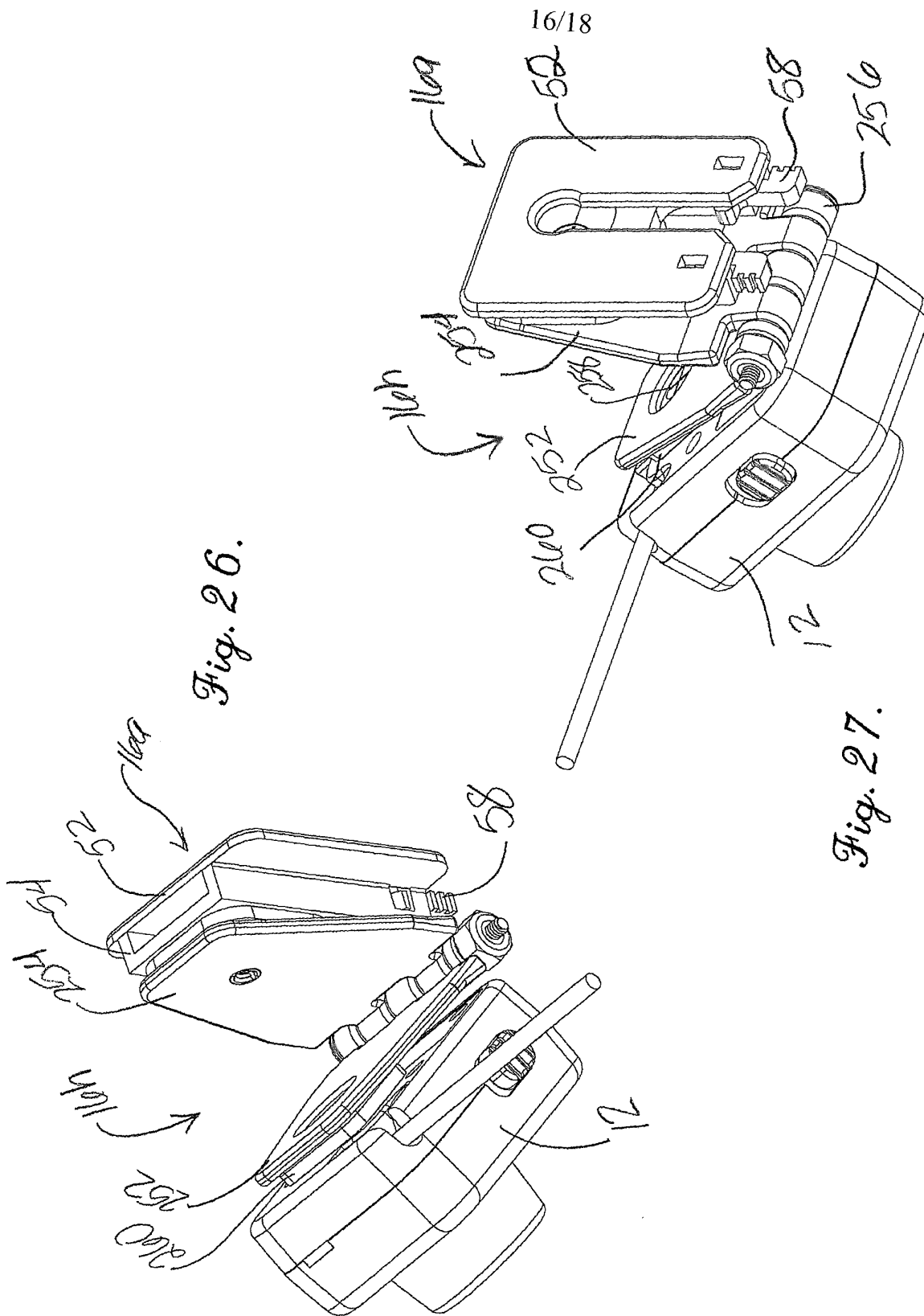
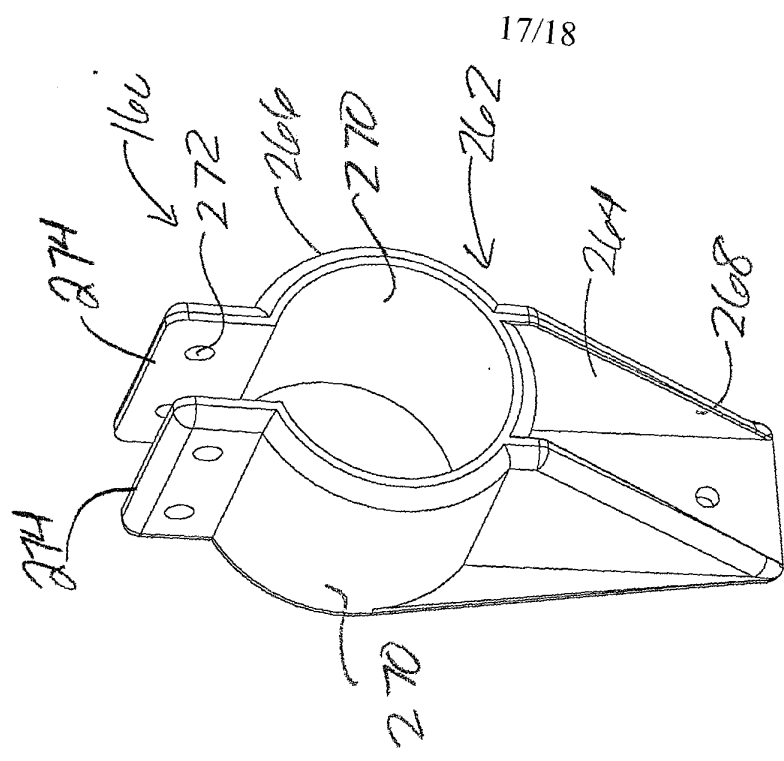
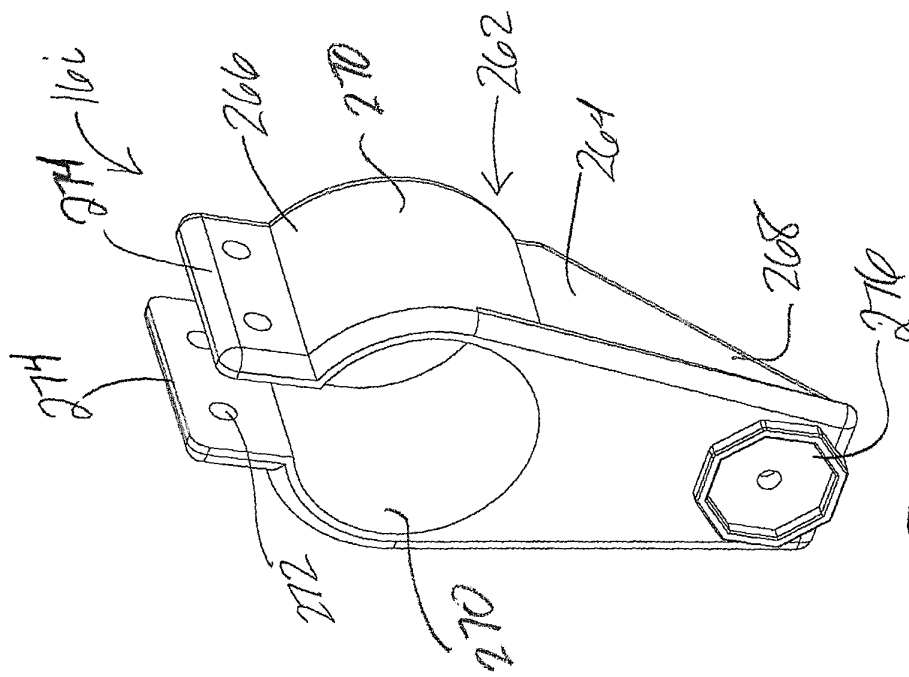


Fig. 26.

Fig. 27.



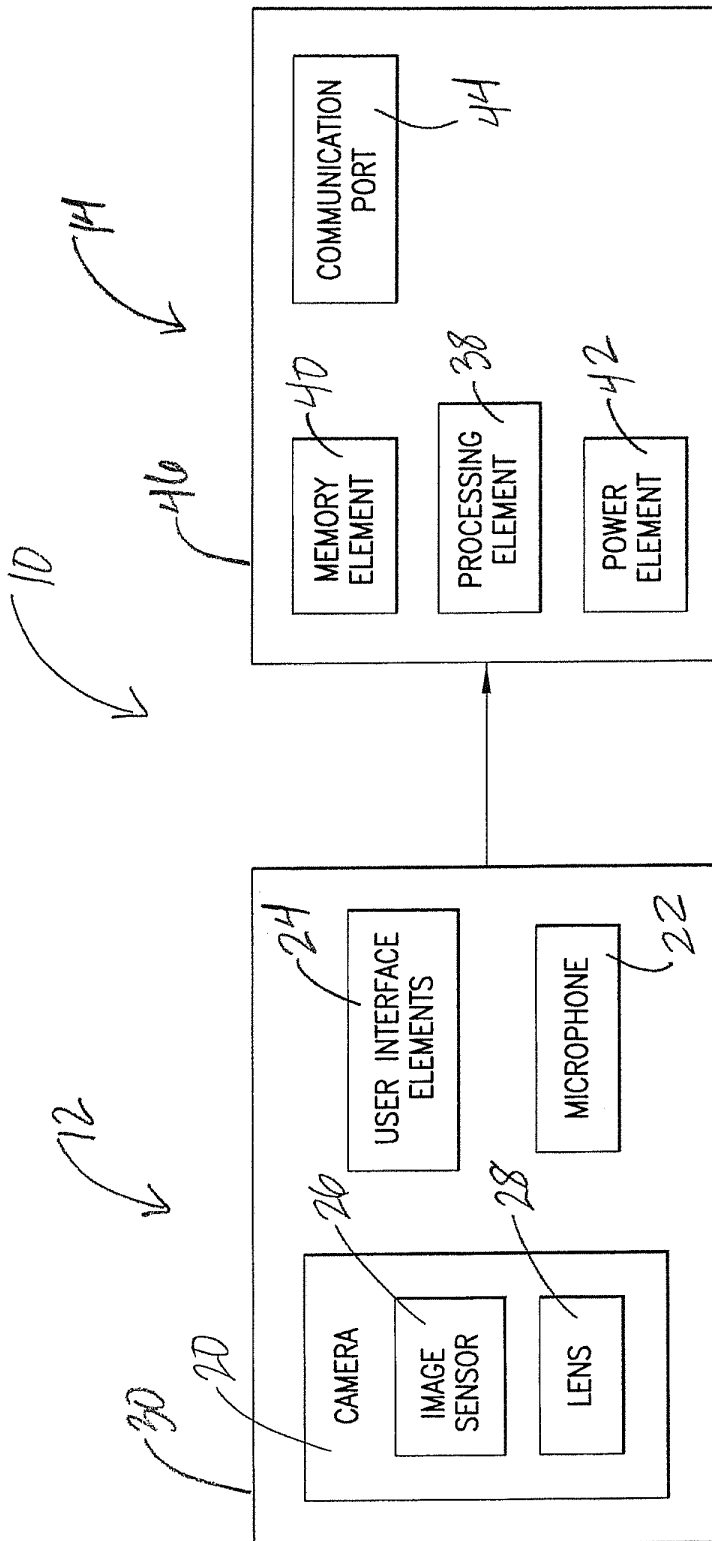
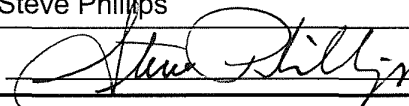


Fig. 30.

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM
As the below named inventor, I hereby declare that: This declaration is directed to: ☒ The attached application, or ☐ United States application or PCT international application number _____ filed on _____. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.	
LEGAL NAME OF INVENTOR Inventor: <u>Steve Phillips</u> Date (Optional): <u>9/25/13</u> Signature: 	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of
Invention

PORTABLE VIDEO AND IMAGING SYSTEM

As the below named inventor, I hereby declare that:

This declaration
is directed to:



The attached application, or



United States application or PCT international application number _____

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

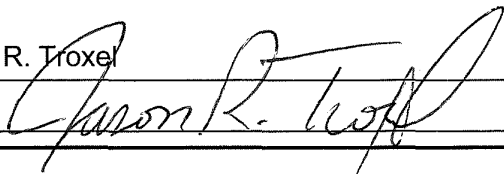
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Jason R. Troxel

Date (Optional): 9/25/2013

Signature:



Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:



Practitioners associated with Customer Number:

23589

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:



The address associated with Customer Number:

23589

OR

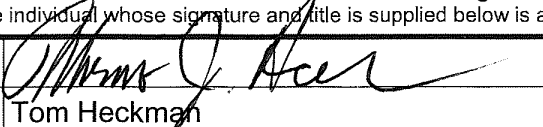
☐	Firm or Individual Name			
	Address			
	City	State	Zip	
	Country			
	Telephone	Email		

Assignee Name and Address: Digital Ally, Inc.
9705 Loiret Boulevard
Lenexa, KS 66219

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be Filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of The practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	9-25-13
Name	Tom Heckman	Telephone	913-814-7774
Title	Chief Financial Officer		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. 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 3 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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STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: Digital Ally, Inc.

Application No./Patent No.: _____ Filed/Issue Date: _____

Titled: PORTABLE VIDEO AND IMAGING SYSTEM

Digital Ally, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). 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. 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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STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
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5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
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6. From: _____ To: _____

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☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Tom Heckman

Printed or Typed Name

Date

Chief Financial Officer

Title or Registration Number

A S S I G N M E N T

WHEREAS, WE, Steve Phillips, of 11341 S. Wilder Road, Olathe, KS 66061, and Jason R. Troxel, of 3120 SW Ragan Drive, Lee's Summit, MO 64082, have invented certain new and useful improvements in PORTABLE VIDEO AND IMAGING SYSTEM, for which WE are about to make application for Letters Patent of the United States; and

WHEREAS, Digital Ally, Inc., a corporation duly organized under the laws of the State of Nevada, and having its principal place of business at 9705 Loiret Boulevard, Lenexa, Kansas 66219, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, Steve Phillips, of 11341 S. Wilder Road, Olathe, KS 66061, and Jason R. Troxel, of 3120 SW Ragan Drive, Lee's Summit, MO 64082, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Digital Ally, Inc., the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in the specification prepared and executed by me on even date herewith preparatory to obtaining Letters Patent of the United States therefor and identified under attorney Docket No. 44556;
- (b) said Application;
- (c) any and all refilings, divisional, and continuations of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent on said invention that may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;

(g) any and all refilings, divisions, and continuations of said foreign-filed applications;

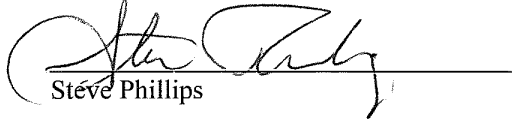
(h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and

(i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Digital Ally, Inc. for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

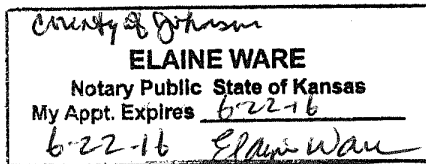
Assignor(s) further agree to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.

Executed this 25 day of September, 2013.


Steve Phillips

STATE OF Johnson)
COUNTY OF Kansas) SS.

On this 25 day of September, 2013, before me personally appeared Steve Phillips, of 11341 S. Wilder Road, Olathe, KS 66061, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.




Notary Public

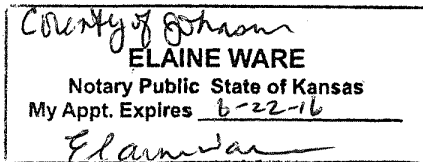
My Commission Expires: 6-22-16

Executed this 25th day of September, 2013.


Jason R. Troxel

STATE OF Kansas)
COUNTY OF Johnson) SS.

On this 25 day of September, 2013, before me personally appeared Jason R. Troxel, of 3120 SW Ragan Drive, Lee's Summit, MO 64082, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



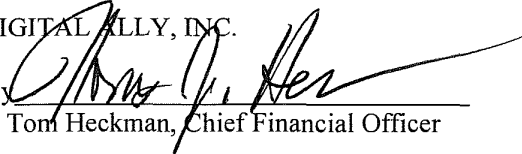

Notary Public

My Commission Expires: 6-22-16

Digital Ally, Inc. hereby declares it accepts the rights and property hereby assigned and transferred to it.

DIGITAL ALLY, INC.

By


Tom Heckman, Chief Financial Officer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

PHILLIPS, Steve, et al.

Serial No.:

Filed:

PORTABLE VIDEO AND IMAGING
SYSTEM

Docket No.: 44566

Confirmation No:

Group Art Unit No.:

Customer No.: 23589

Examiner:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

The attached references are being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, as required by 37 C.F.R. §1.56.

Any fee that is due in connection with this Statement should be applied against Deposit Account No. 19-0522.

Respectfully submitted,

HOVEY WILLIAMS LLP

By /Jennifer C. Bailey/
Jennifer C. Bailey, Reg. No. 52,583
10801 Mastin Blvd., Suite 1000
Overland Park, KS 66210
(913) 647-9050
ATTORNEYS FOR APPLICANTS

(Docket No. 44566)

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)

Approved for use through 07/31/2012. OMB 0651-0031

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

U.S.PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
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	2	8520069	B2	2013-08-27	HALER			
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NON-PATENT LITERATURE DOCUMENTS								Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

Examiner Initials*	Cite No	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, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	TASER AXON Body On Officer Video/Police Body Camera, http://www.taser.com/products/on-officer-video/axon-body-on-officer-video , September 23, 2013, Date Posted: Unknown, pgs. 1-8.	☐
	2	GoPro Official Website: The World's Most Versatile Camera, http://gopro.com/products/?gclid=CKqHv9JT4rkCFWZk7AodyIAAaQ , September 23, 2013, Date Posted: Unknown, pgs. 4-9.	☐
	3	VIEVU Products, http://www.viewu.com/viewu-products/viewu-squared/ , September 25, 2013, Date Posted: Unknown, pgs. 1-2.	☐
	4	Digital Ally First Vu Mountable Digital Camera Video Recorder, http://www.opticsplanet.com/digital-ally-first-vu-mountable-digital-camera-video-recorder.html?gclid=CIKohcX05rkCFSlo7AodU0IA0g&ef_id=UjCGEAAAawGEjrQF:20130925155534:s , September 25, 2013, Date Posted: Unknown, pgs. 1-4.	☐
	5	TASER AXON Flex On-Officer Video/Police Video Camera, http://www.taser.com/products/on-officer-video/taser-axon , September 26, 2013, Date Posted: Unknown, pgs. 1-8.	☐
	6	Zeppcam Wearable Video Technology, http://www.zeppcam.com/product.aspx , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
	7	Witness Cam headset, http://www.secgru.com/DVR-Witness-Cam-Headset-Video-Recorder-SG-DVR-1-COP.html , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
	8	SUV Cam, http://www.elmo.co.jp/suv-cam/en/product/index.html , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
	9	Asian Wolf High Quality Angel Eye Body Video Spy Camera Recorder System, http://www.asianwolf.com/covert-bodycam-hq-angeleye.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
	10	Panasonic Handheld AVCCAM HD Recorder/Player, http://www.panasonic.com/business/provideo/ag-hmr10.asp , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

11	POV.HD System Digital Video Camera, http://www.vio-pov.com/index.php , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
12	ecplaza HY-001HD law enforcement DVR, http://fireeye.en.ecplaza.net/law-enforcement-dvr-238185-1619696.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
13	edesix VideoBadge, http://www.edesix.com/edesix-products , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
14	Tide Leader police body worn camera, http://tideleader.en.gongchang.com/product/14899076 , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
15	Stalker VUE Law Enforcement Grade Body Worn Video Camera/Recorder, http://www.stalkerradar.com/law_vue.shtml , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
16	Vidmic Officer Worn Video & Radio Accessories, http://www.vidmic.com/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
17	WatchGuard CopVu Wearable Video Camera System, http://watchguardvideo.com/copvu/overview , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
18	Kustom Signals VieVu, http://www.kustomsignals.com/index.php/mvideo/vievu , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐
19	WolfCom 3rd Eye, X1 A/V Recorder for Police and Military, http://wolfcomusa.com/Products/Products.html , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
20	RevealMedia RS3-SX high definition video recorder, http://www.revealmedia.com/buy-t166/cameras/rs3-sx.aspx , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
21	Spy Chest Mini Spy Camera / Self Contained Mini camcorder / Audio & Video Recorder, http://www.spytechs.com/spy_cameras/mini-spy-camera.htm , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

22	LEA-AID SCORPION Micro Recorder Patrol kit, http://www.leacorp.com/products/SCORPION-Micro-Recorder-Patrol-kit.html , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
23	Veho MUVI portable wireless speaker with dock, http://veho-uk.fastnet.co.uk/main/shop.aspx?category=camcorder , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
24	Veho MUVI HD, http://veho-uk.fastnet.co.uk/main/shop.aspx?category=CAMMUVIHD , September 26, 2013, Date Posted: Unknown, pgs. 1-5.	☐
25	SIV Security in Vehicle Driving Partner, http://www.siv.co.kr/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
26	Midland XTC HD Video Camera, http://midlandradio.com/Company/xtc100-signup , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
27	Drift X170, http://driftinnovation.com/support/firmware-update/x170/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
28	uCorder Pockito Wearabel Mini Pcket Camcorder, http://www.ucorder.com/ , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
29	isaw Advance Hull HD EXtreme, www.isawcam.co.kr , September 26, 2013, Date Posted: Unknown, pg. 1.	☐
30	Scorpion Micro DV Video Audio Recorder, http://www.leacorp.com/scorpion-micro-dv-video-audio-recorder/ , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
31	Taser Cam Law Enforcement Audio/Video Recorder (gun mounted), http://www.taser.com/products/on-officer-video/taser-cam , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
32	Looxcie Wearable & mountable streaming video cams, http://www.looxcie.com/overview?gclid=CPbDyv6piq8CFWeFQAodlhXC-w , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

33	Point of View Cameras Military & Police, http://pointofviewcameras.com/military-police , September 26, 2013, Date Posted: Unknown, pgs. 1-2.	☐
34	Dyna Spy Inc. hidden cameras, https://www.dynaspy.com/hidden-cameras/spy-cameras/body-worn-wearable-spy-cameras , September 26, 2013, Date Posted: Unknown, pgs. 1-3.	☐
35	Brick House Security Body Worn Cameras / Hidden Cameras / Covert Spy Cameras, http://www.brickhousesecurity.com/body-worn-covert-spy-cameras.html?sf=0#sortblock&CMPID=PD_Google_%22body+camera%22&utm_source=google&utm_medium=cpc&utm_term=%22body+camera%22&mm_campaign=876a94ea5dd198a8c5dc3d1e67eccb34&keyword=%22body+camera%22&utm_source=google&utm_medium=cpc&utm_campaign=Cameras+-+Body+Worn+Cameras&c1=323-29840300-1	☐
36	Amazon.com wearable camcorders, http://www.amazon.com/s/ref=nb_sb_ss_i_0_4?url=search-alias%3Dphoto&field-keywords=wearable+camcorder&x=0&y=0&srefix=wear , September 26, 2013, Date Posted: Unknown, pgs. 1-4.	☐

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

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

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	PHILLIPS, Steve	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	44566	

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jennifer C. Bailey/	Date (YYYY-MM-DD)	2013-09-27
Name/Print	Jennifer C. Bailey	Registration Number	52583

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 1 hour 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.**

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.

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
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.)

Inventor Information:

Inventor 1					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Steve		Phillips			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Olathe	State/Province	KS	Country of Residence ⁱ	US	
Mailing Address of Inventor:						
Address 1		11341 S. Wilder Road				
Address 2						
City	Olathe	State/Province	KS			
Postal Code	66061	Country ⁱ	US			
Inventor 2					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Jason	R.	Troxel			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Lee's Summit	State/Province	MO	Country of Residence ⁱ	US	
Mailing Address of Inventor:						
Address 1		3120 SW Ragan Drive				
Address 2						
City	Lee's Summit	State/Province	MO			
Postal Code	64082	Country ⁱ	US			
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					Add	

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

☐ An Address is being provided for the correspondence information of this application.

Customer Number	23589		
Email Address		Add Email	Remove Email

Application Information:

Title of the Invention	PORTABLE VIDEO AND IMAGING SYSTEM		
Attorney Docket Number	44566	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	18	Suggested Figure for Publication (if any)	1

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 and will not** be the subject of an application filed in another country, or under a multilateral international 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). Either enter 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	☐ Limited Recognition (37 CFR 11.9)
Customer Number	23589		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. 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.			
Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	61707348	2012-09-28

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

Additional Domestic Benefit/National Stage 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).

			Remove
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Priority Claimed
			☒ Yes ☐ No

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Authorization to Permit Access:

☒ Authorization to Permit Access to the Instant Application by the Participating Offices
If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Remove

☒ Assignee	☐ Legal Representative under 35 U.S.C. 117
☐ Person to whom the inventor is obligated to assign.	☐ Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor : If the Assignee is an Organization check here. ☒

Organization Name	Digital Ally, Inc.

Mailing Address Information:

Address 1	9705 Loiret Boulevard		
Address 2			
City	Lenexa	State/Province	KS
Country ⁱ	US	Postal Code	66219
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Add

Signature:

Remove

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications

Signature	/Jennifer C. Bailey/		Date (YYYY-MM-DD)	2013-09-27	
First Name	Jennifer	Last Name	Bailey	Registration Number	52583

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Add

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	44566
		Application Number	
Title of Invention	PORTABLE VIDEO AND IMAGING SYSTEM		

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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).
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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.
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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.

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		PORTABLE VIDEO AND IMAGING SYSTEM		
First Named Inventor/Applicant Name:		Steve Phillips		
Filer:		Jennifer C. Bailey/Sara Henning		
Attorney Docket Number:		44566		
Filed as Small Entity				
Track I Prioritized Examination - Nonprovisional Application 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
Request for Prioritized Examination	2817	1	2000	2000
Pages:				
Claims:				
Miscellaneous-Filing:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Publ. Fee- Early, Voluntary, or Normal	1504	1	300	300
OTHER PUBLICATION PROCESSING FEE	1808	1	130	130
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				3160

Electronic Acknowledgement Receipt

EFS ID:	16984116
Application Number:	14040329
International Application Number:	
Confirmation Number:	4686
Title of Invention:	PORTABLE VIDEO AND IMAGING SYSTEM
First Named Inventor/Applicant Name:	Steve Phillips
Customer Number:	23589
Filer:	Jennifer C. Bailey/Sara Henning
Filer Authorized By:	Jennifer C. Bailey
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Receipt Date:	27-SEP-2013
Filing Date:	
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Application Type:	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 3160
RAM confirmation Number	6635
Deposit Account	190522
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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	TrackOne Request	Certification_and_Request_For_Prioritized_Exam.pdf	152665 7bc21540ba68575db9125d1a26a4ddd55190a8c8	no	2
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Information:					
2		Application_as_Filed.pdf	141915 c8ee288dc220c8bdd2b3ba2a6cc1ba57312337cf	yes	44
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	36	
	Claims		37	43	
	Abstract		44	44	
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3	Drawings-only black and white line drawings	Drawings_as_Filed.pdf	634691 037c7c91de1cf65d86331485f0903f0836e1940	no	18
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4	Oath or Declaration filed	Declaration_Phillips_as_Filed.pdf	78478 cb7e42a8ee46f81e54525c371702403dd407d0ef	no	1
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5	Oath or Declaration filed	Declaration_Troxel_as_Filed.pdf	80747 581c928190f8029c876e792a0e6239bf564af7c5	no	1
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6	Power of Attorney	POA_as_Filed.pdf	100885 e40cfe33b89d45400574a7f063021225b59d0551	no	1
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7	Assignee showing of ownership per 37 CFR 3.73.	Stmt_as_Filed.pdf	243612 3b5d0ba75f78e7f5352f2aa7360ce455d7e43adff	no	7
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8	Transmittal Letter	IDS_Transmittal_as_Filed.pdf	45148 94c71f16807ac222079a73e203ff1bbb6f70efcfe	no	1
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9	Information Disclosure Statement (IDS) Form (SB08)	IDS_44566.pdf	614575 8a5ec4858647b1258ef2a2a4ab06d4b031f5307a	no	7
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10	Non Patent Literature	NPL_1_axon_body_on_off.pdf	1124848 b25dc43096c4e4a0017fe2c40291c282dfdd49fb	no	8
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11	Non Patent Literature	NPL_2_Go_Pro_Camera.pdf	240313 1c0c4d2881080f83c3257140df93d143ab62839b	no	6
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12	Non Patent Literature	NPL_3_VIEVU_Products.pdf	181971 9710de92dcc0f65d522ffb2bddc289d626800a98	no	2
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21	Non Patent Literature	NPL_12_ecplaza_HY_001HD.pdf	202436 aa1787c5c81e26cabf84aab6a737d3f26c3b430f	no	3
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23	Non Patent Literature	NPL_14_Tide_Leader.pdf	157171 034f7b45e5d0a5a4f64d6a9bcd4499d7f52d41b1	no	3
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45	Non Patent Literature	NPL_36_Amazon_wearable_cameraorders.pdf	401572 8794a3c2c9f20a728426897bce79fac997d98edc	no	4
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46	Application Data Sheet	ADS_as_Filed.pdf	1063942 8455a0d920bf35d7d0537787c4b2aec0a34a8844	no	6
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47	Fee Worksheet (SB06)	fee-info.pdf	40237 81adba9a6df52fcadd324bc0f708bd4d7ac01d5dd	no	2
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Total Files Size (in bytes):			15576540		
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