

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of Texas - Waco Division on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 6:21-cv-01372	DATE FILED December 29, 2021	U.S. DISTRICT COURT Western District of Texas - Waco Division
PLAINTIFF Topia Technology, Inc.		DEFENDANT Box, Inc., Sailpoint Technologies Holdings, Inc., and Vistra Corp.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 9,143,561	Sep. 22, 2015	Topia Technology, Inc.
2 10,067,942	Sep. 4, 2018	Topia Technology, Inc.
3 10,289,607	May 14, 2019	Topia Technology, Inc.
4 10,642,787	May 5, 2020	Topia Technology, Inc.
5 10,754,823	Aug. 25, 2020	Topia Technology, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

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☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 6:21-cv-01372	DATE FILED December 29, 2021	U.S. DISTRICT COURT Western District of Texas - Waco Division
PLAINTIFF Topia Technology, Inc.		DEFENDANT Box, Inc., Sailpoint Technologies Holdings, Inc., and Vistra Corp.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 11,003,622	May 11, 2021	Topia Technology, Inc.
2		
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 6:21-cv-01373	DATE FILED December 29, 2021	U.S. DISTRICT COURT Western District of Texas - Waco Division
PLAINTIFF Topia Technology, Inc.		DEFENDANT Dropbox, Inc., Sailpoint Technologies Holdings, Inc., and Clear Channel Outdoor Holdings, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 9,143,561	Sep. 22, 2015	Topia Technology, Inc.
2 10,067,942	Sep. 4, 2018	Topia Technology, Inc.
3 10,289,607	May 14, 2019	Topia Technology, Inc.
4 10,642,787	Aug. 25, 2020	Topia Technology, Inc.
5 10,754,823	Aug. 25, 2020	Topia Technology, Inc.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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DOCKET NO. 6:21-cv-01373	DATE FILED December 29, 2021	U.S. DISTRICT COURT Western District of Texas - Waco Division
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been
filed in the U.S. District Court District of Delaware on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED 12/27/2021	U.S. DISTRICT COURT District of Delaware
PLAINTIFF TOPIA TECHNOLOGY, INC.		DEFENDANT EGNYTE, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 9,143,561	9/22/2015	Topia Technology, Inc.
2 10,067,942	9/4/2018	Topia Technology, Inc.
3 10,289,607	5/14/2019	Topia Technology, Inc.
4 10,642,787	5/5/2020	Topia Technology, Inc.
5 10,754,823	8/25/2020	Topia Technology, Inc.

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PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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DECISION/JUDGEMENT

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Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

Box & Dropbox Exhibit 1007

Print

Save As...

Page 5 of 5

ADDENDUM TO AO 120 (ADDITIONAL PATENTS)

Docket No.		Date Filed 12/27/2021	U.S. District Court for the District of Delaware
PLAINTIFF TOPIA TECHNOLOGY, INC.			DEFENDANT EGNYTE, INC.
PATENT OR TRADEMARK NO.		DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
6	11,003,622	05/11/2021	Topia Technology, Inc.
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8			
9			
10			

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.

CHANGE OF CORRESPONDENCE ADDRESS *Patent*

Address to:
Mail Stop Post Issue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Patent Number	9,143,561
Issue Date	September 22, 2015
Application Number	12/267,852
Filing Date	November 10, 2008
First Named Inventor	Michael R. Manzano
Attorney Docket Number	030721

Please change the Correspondence Address for the above-identified patent to:



The address associated with Customer Number:

23373

OR



**Firm or
Individual Name**

Address

City

State

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Country

Telephone

Email

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

This form will not affect any "fee address" provided for the above-identified patent. To change a "fee address" use the "Fee Address Indication Form" (PTO/SB/47).

I am the:



Patentee.



Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).



Attorney or agent of record. Registration Number **54,666**.

Signature

/ Andrew J. Taska /

Typed or
Printed Name

Andrew J. Taska

Date

December 22, 2021

Telephone **202-293-7060**

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 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: Mail Stop Post Issue, 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.

Box & Dropbox Exhibit 1007

Page 7

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:	44588894
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Andrew Joseph Taska/Mildred Cabrera
Filer Authorized By:	Andrew Joseph Taska
Attorney Docket Number:	023027-0424342
Receipt Date:	22-DEC-2021
Filing Date:	10-NOV-2008
Time Stamp:	13:54:20
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Change of Address	030721ChangeofAddress9143561PreAIA.pdf	85747	no	2
			do5f002b46e67a2694bb9e37229e5f4620e d887d		

Warnings:

Box & Dropbox Exhibit 1007

Information:	
Total Files Size (in bytes):	85747
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	



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
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342

CONFIRMATION NO. 7024

POWER OF ATTORNEY NOTICE

909
Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102



Date Mailed: 12/21/2021

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 12/17/2021.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/hteffer/



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
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342

909
Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102

CONFIRMATION NO. 7024
POA ACCEPTANCE LETTER



Date Mailed: 12/21/2021

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 12/17/2021.

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.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/hteffer/

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in the attached transmittal letter.

I hereby appoint:

Andrew J. Taska, Registration No. 54,666, and
John M. Bird, Registration No. 46,027

as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (Form PTO/AIA/B2A).

Please recognize or change the correspondence address for the application identified in the attached transmittal letter to:

The address associated with the above-mentioned Customer Number.

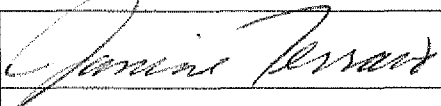
I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

TOPIA TECHNOLOGY, INC.

- ☐ Inventor or Joint Inventor (title not required below)
- ☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- ☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- ☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a Petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document)(provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	12/16/21
Name	Janine Terrano		
Title	CEO of TOPIA TECHNOLOGY, INC.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

- ☒ Total of 1 forms are submitted.

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Andrew Joseph Taska/Mildred Cabrera			
Attorney Docket Number:	023027-0424342			
Filed as Large 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:				
PROCESSING FEE CORRECTING INVENTORSHIP	1816	1	160	160

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Electronic Acknowledgement Receipt

EFS ID:	44550723
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Andrew Joseph Taska/Mildred Cabrera
Filer Authorized By:	Andrew Joseph Taska
Attorney Docket Number:	023027-0424342
Receipt Date:	17-DEC-2021
Filing Date:	10-NOV-2008
Time Stamp:	15:51:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$ 160
RAM confirmation Number	E2021BGF52004680
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request under Rule 48 correcting inventorship	030721PetitiontoCorrectInventorshipofPatentunder13249143561.pdf	86065	no	2
			54256d36dce893f53eda32f287b0dbfd9f6fd921		
Warnings:					
Information:					
2	Power of Attorney	Executed_Power_of_Attorney.pdf	47433	no	1
			9a26b5d2299d76add03aa24b46754c9ee999d55		
Warnings:					
Information:					
3	Request under Rule 48 correcting inventorship	STATEMENT_FROM_ADDED_INVENTOR.pdf	50479	no	1
			08d2b96f164ea5052cf03a8c2eba33eaac0e5fcb		
Warnings:					
Information:					
4	Request under Rule 48 correcting inventorship	STATEMENT_FROM_CURRENT_INVENTOR.pdf	443059	no	1
			f466af5ed9ef551279cfbe89b942c3f2aecca012		
Warnings:					
Information:					
5	Request under Rule 48 correcting inventorship	STATEMENT_OF_ASSIGNEE.pdf	149483	no	2
			40bb5d971e7835c8d4a9cfb2dcff491f4e5afe66		
Warnings:					
Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	38451	no	2
			6df0a05e8220e00288bc731841419a30525904ac		
Warnings:					
Information:					

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: 030721

Michael R. Manzano

Group Art Unit: 2157

Appln. No.: 12/267,852

Examiner: CHANNAVAJJALA,
SRIRAMA T.

Confirmation No.: 7024

Patent No.: 9,143,561

Filed: November 10, 2008

Issue Date: September 22, 2015

For: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

**PETITION UNDER 37 C.F.R. § 1.324 TO CORRECT INVENTORSHIP IN PATENT TO
ADD INVENTOR(S), PURSUANT TO 35 U.S.C. § 256**

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

Sir:

The undersigned, on behalf of the Inventors and the Assignee, petitions the Director in accordance with 37 C.F.R. § 1.324(a) to correct inventorship of the above-identified patent by adding the names of John C. Haager as co-inventor.

REMARKS

In accordance with 37 C.F.R. § 1.324(b), submitted herewith are the following:

(1) A statement from each person who is being added as an inventor and each person who is currently named as an inventor either agreeing to the change of inventorship or stating that he or she has no disagreement in regard to the requested change;

(2) A statement from all assignees of the parties submitting a statement under paragraph (b)(1) of this section agreeing to the change of inventorship in the patent, which statement must comply with the requirements of § 3.73(c) of this chapter; and

(3) The fee set forth in § 1.20(b).

The processing fee of \$160.00 set forth in 37 C.F.R. § 1.20(b) is being remitted.

The USPTO is directed and authorized to charge the processing fee of \$160.00 and all
required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880.

Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

/Andrew J. Taska/

Andrew J. Taska
Registration No. 54,666

SUGHRUE MION, PLLC
Telephone: 202.293.7060
Facsimile: 202.293.7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: December 17, 2021

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Docket No: 030721
Michael R. Manzano	Group Art Unit: 2157
Appln. No.: 12/267,852	Examiner: CHANNAVAJJALA, SRIRAMA T.
Confirmation No.: 7024	Patent No.: 9,143,561
Filed: November 10, 2008	Issue Date: September 22, 2015
For: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK	

**STATEMENT OF ASSIGNEE OF RIGHTS FROM ALL ASSIGNEES OF PARTIES
SUBMITTING A STATEMENT UNDER (1) & (2) IN SUPPORT OF PETITION UNDER
37 C.F.R. § 1.324 TO CORRECT INVENTORSHIP OF PATENT**

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

Sir:

The undersigned, a representative of TOPIA TECHNOLOGY, INC., represents that TOPIA TECHNOLOGY, INC., is the owner of the entire right, title and interest of Application No. 12/267,852, (now United States Patent 9,143,561), filed on November 10, 2008 for ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK by virtue of an Assignment from all of the currently named inventors thereof recorded on February 2, 2009 at Reel 022188 and Frame 0579 and by virtue of an Assignment from the inventor to be added, which is submitted herewith.

The undersigned hereby certifies that the above-mentioned Assignments have been reviewed and to the best of the undersigned's knowledge and belief, title is in who is seeking to take this action.

The undersigned (whose title is supplied below) is empowered to sign this consent statement on behalf of the assignee.

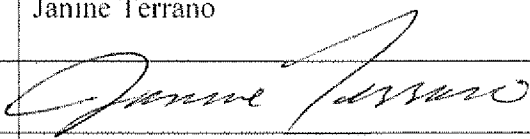
STATEMENT OF ASSIGNEE OF RIGHTS FROM ALL ASSIGNEES OF PARTIES
SUBMITTING A STATEMENT UNDER (1) & (2) IN SUPPORT OF PETITION
UNDER 37 C.F.R. § 1.324 TO CORRECT INVENTORSHIP OF PATENT

Attorney Docket No.: 030721

Appln.No.: 12/267,852

Patent No.: 9,143,561

Janine Terrano, CEO of TOPIA TECHNOLOGY, INC., on behalf of TOPIA
TECHNOLOGY, INC., hereby agrees to the correction of inventorship in connection with the
above-identified patent whereby the name of John C. Haager is added as a coinventor.

Name	Janine Terrano	Title	CEO
Signature			
Date	12/26/21		

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: 030721

Michael R. Manzano

Group Art Unit: 2157

Appln. No.: 12/267,852

Examiner: CHANNAVAJALA,
SRIRAMA T.

Confirmation No.: 7024

Patent No.: 9,143,561

Filed: November 10, 2008

Issue Date: September 22, 2015

For: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

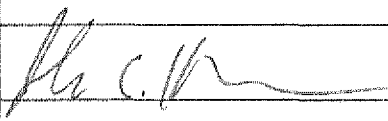
**STATEMENT FROM ADDED INVENTOR IN SUPPORT OF PETITION UNDER 37
C.F.R. § 1.324 TO CORRECT INVENTORSHIP OF PATENT**

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

Sir:

I, John C. Haager, the inventor being added to the above-identified patent, hereby declare that I have no disagreement in regard to the requested change in inventors.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief is believed to be true; and further that these statements were made with the knowledge that willful statements and the like so made are punishable by fine or imprisonment or both under 18 USC §1001, and may jeopardize the validity of the application or any patent issuing thereon.

Name of Added Inventor	John C. Haager
Signature	
Date	11/15/2021

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: 030721

Michael R. Manzano

Group Art Unit: 2157

Appln. No.: 12/267,852

Examiner: CHANNAVAJJALA, SRIRAMA
T.

Confirmation No.: 7024

Patent No.: 9,143,561

Filed: November 10, 2008

Issue Date: September 22, 2015

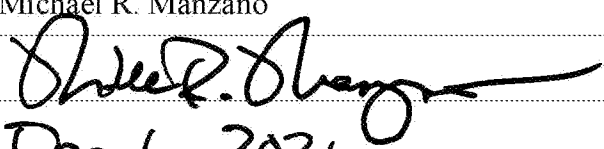
For: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

**STATEMENT FROM CURRENT NAMED INVENTOR, WHO IS NOT A PERSON
BEING ADDED AS AN INVENTOR, IN SUPPORT OF PETITION UNDER 37
C.F.R. § 1.324 TO CORRECT INVENTORSHIP OF PATENT**

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

Sir:

I, Michael R. Manzano, the current named inventor, of the above-identified patent who is not a person being added as an inventor do hereby declare that I have no disagreement in regard to the requested change in inventors.

Name of Inventor	Michael R. Manzano
Signature	
Date	Dec 6, 2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7054760

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
JOHN C. HAAGER			11/15/2021
RECEIVING PARTY DATA			
Name:	TOPIA TECHNOLOGY, INC.		
Street Address:	1927 DOCK STREET		
City:	TACOMA		
State/Country:	WASHINGTON		
Postal Code:	98402		
PROPERTY NUMBERS Total: 6			
Property Type	Number		
Patent Number:	9143561		
Patent Number:	10067942		
Patent Number:	10289607		
Patent Number:	10642787		
Patent Number:	10754823		
Patent Number:	11003622		
CORRESPONDENCE DATA			
Fax Number:	(202)293-7860		
<i>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.</i>			
Phone:	2022937060		
Email:	mcabrera@sughrue.com		
Correspondent Name:	SUGHRUE MION PLLC		
Address Line 1:	2000 PENNSYLVANIA AVENUE NW		
Address Line 2:	SUITE 900		
Address Line 4:	WASHINGTON, D.C. 20006		
ATTORNEY DOCKET NUMBER:	030221		
NAME OF SUBMITTER:	MILLY CABRERA		
SIGNATURE:	/Milly Cabrera/		
DATE SIGNED:	12/03/2021		
This document serves as an Oath/Declaration (37 CFR 1.63).			

Total Attachments: 6

source=9,143,561_Executed Assignment#page1.tif
source=10,067,942_Executed Assignment#page1.tif
source=10,289,607_Executed Assignment#page1.tif
source=10,642,787_Executed Assignment#page1.tif
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Assignment

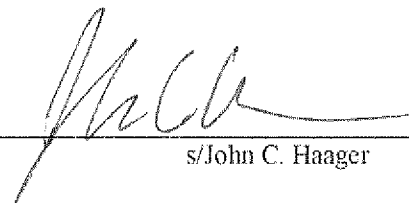
Whereas, I, John C. Haager, hereinafter called assignor, have invented certain improvements in ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK and executed an application for Letters Patent of the United States of America therefor; (Application number 12/267,852 (now U.S. Patent 9,143,561)) and Confirmation number 7024, filed November 10, 2008); and

Whereas, TOPIA TECHNOLOGY, INC. of 1927 Dock Street, Tacoma, WA 98402, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

 11/15/2021

s/John C. Haager

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

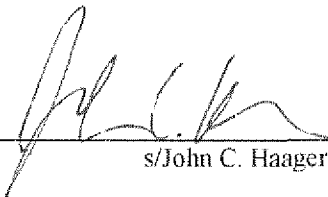
Whereas, I, John C. Haager, hereinafter called assignor, have invented certain improvements in ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK and executed an application for Letters Patent of the United States of America therefor; (Application number 14/860,289 (now U.S. Patent 10,067,942)) and Confirmation number 3426, filed September 21, 2015); and

Whereas, TOPIA TECHNOLOGY, INC. of 1927 Dock Street, Tacoma, WA 98402, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

 11/15/2021

s/John C. Haager

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

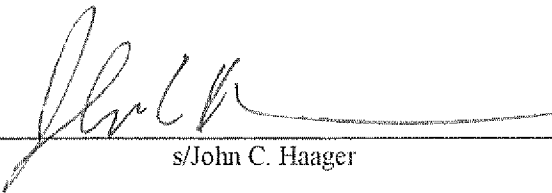
Whereas, I, John C. Haager, hereinafter called assignor, have invented certain improvements in ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK and executed an application for Letters Patent of the United States of America therefor; (Application number 16/017,348 (now U.S. Patent 10,289,607)) and Confirmation number 3719, filed June 25, 2018); and

Whereas, TOPIA TECHNOLOGY, INC. of 1927 Dock Street, Tacoma, WA 98402, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

 11/15/2021
s/John C. Haager

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

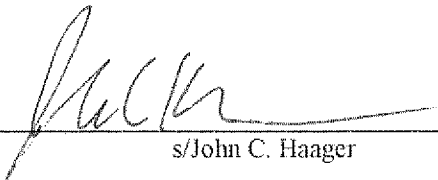
Whereas, I, John C. Haager, hereinafter called assignor, have invented certain improvements in PRE-FILE-TRANSFER UPDATE BASED ON PRIORITIZED METADATA and executed an application for Letters Patent of the United States of America therefor; (Application number 16/750,399 (now U.S. Patent 10,642,787)) and Confirmation number 9316, filed January 23, 2020); and

Whereas, TOPIA TECHNOLOGY, INC. of 1927 Dock Street, Tacoma, WA 98402, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

 11/15/2021

s/John C. Haager

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

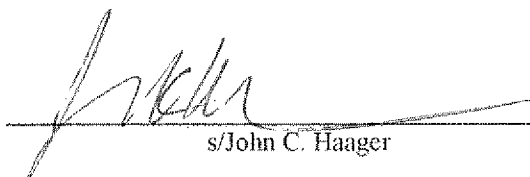
Whereas, I, John C. Haager, hereinafter called assignor, have invented certain improvements in PRE-FILE-TRANSFER AVAILABILITY INDICATION BASED ON PRIORITIZED METADATA and executed an application for Letters Patent of the United States of America therefor; (Application number 16/750,435 (now U.S. Patent 10,754,823)) and Confirmation number 2793, filed January 23, 2020); and

Whereas, TOPIA TECHNOLOGY, INC. of 1927 Dock Street, Tacoma, WA 98402, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

 11/15/2021
s/John C. Haager

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

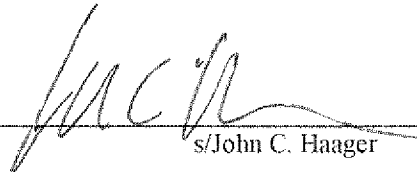
Whereas, I, John C. Haager, hereinafter called assignor, have invented certain improvements in ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK and executed an application for Letters Patent of the United States of America therefor; (Application number 16/361,641 (now U.S. Patent 11,003,622)) and Confirmation number 7093, filed March 22, 2019); and

Whereas, TOPIA TECHNOLOGY, INC. of 1927 Dock Street, Tacoma, WA 98402, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

 11/15/2021
s/John C. Haager

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)



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.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/267,852	09/22/2015	9143561	023027-0424342	7024

909 7590 09/02/2015
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

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 860 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):

Michael R. Manzano, Seattle, WA;

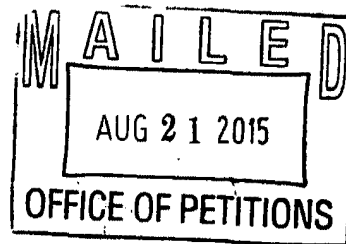
The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, 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.



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

PILLSBURY WINTHROP SHAW PITTMAN, LLP (NV)
PO BOX 10500
MCLEAN VA 22102



In re Application of :
Manzano, Michael R. :
Application No. 12/267,852 : ON PETITION
Filed: November 10, 2008 :
Attorney Docket No. 023027-0424342 :

This is a decision on the petition under 37 C.F.R. § 1.137(b), filed July 7, 2015, to revive the above-identified application, which is being properly treated under 37 CFR 1.137(a)

With regards to item (3), petitioner has submitted an unintentionally delayed statement pursuant to 37 CFR 1.137(b). As of December 2013, 37 CFR 1.137(b) has been removed and all petitions to revive an unintentionally abandoned application must be under rule 37 CFR 1.137(a). Since the statement on the instant petition cites the old rule, the statement is being construed as the statement required by 37 CFR 1.137(a). Petitioner must notify the Office if this is **not** a correct interpretation of the statement contained in the instant petition.

The petition is **GRANTED**.

The above-identified application became abandoned for failure to submit the issue fee in a timely manner in reply to the Notice of Allowance mailed November 21, 2014, which set forth a non-extendable three month period of reply. Accordingly, the above-identified application became abandoned on February 24, 2015. A Notice of Abandonment was mailed on March 12, 2015.

The petition satisfies the requirements of 37 CFR 1.137(a) in that petitioner has supplied (1) the reply in the form of the Issue Fee Transmittal with payment of the \$480.00 issue fee, (2) the petition fee of \$850.00, and (3) a proper statement of unintentional delay.

Telephone inquiries concerning this decision should be directed to DeTya Flowers at (571) 272-0593.

This matter is being referred to Publishing Division for further processing in accordance with this decision on petition.

/Joan Olszewski/
Joan Olszewski
Office of Petitions

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)

909 7590 11/21/2014
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

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.
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342	7024

TITLE OF INVENTION: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

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	02/23/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHANNAVAJALA, SRIRAMA T	2157	707-204000

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 Pillsbury Winthrop
2 Shaw Pittman LLP
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

TOPIA TECHNOLOGY, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

TACOMA, WASHINGTON

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 03-3975 (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

Ngai Zhang

Date July 7, 2015

Typed or printed name Ngai B. Zhang

Registration No. 65,473

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**Docket Number (Optional)
023027-0424342First named inventor: Manzano, Michael R.Application No.: 12/267,852Art Unit: 2157Filed: November 10, 2008Examiner: Channavajjala, Srirama T.Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

Attention: Office of Petitions

Mail Stop Petition

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus any extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional

1. Petition Fee

- ☒ Small entity-fee \$ 850 (37 CFR 1.17(m)). Application claims small entity status. See 37 CFR 1.27.
- ☐ Other than small entity-fee \$ _____ (37 CFR 1.17(m))

2. Reply and/or fee

- A. The reply and/or fee to the above-noted Office action in the form of _____ (identify type of reply):

- ☐ has been filed previously on _____
- ☐ is enclosed herewith.

- B. The issue fee and publication fee (if applicable) of \$ 480

- ☐ has been paid previously on _____
- ☒ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(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 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: Mail Stop Petition, 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.

3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$_____ for a small entity or \$_____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

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.

Ngai B. Zhang
Signature
Ngai B. Zhang
Type or Printed name
Pillsbury Winthrop Shaw Pittman LLP
Address
1650 Tysons Blvd, Suite 1400, McLean VA 22102
Address

July 7, 2015
Date
65,473
Registration Number, If applicable
703-770-7532
Telephone Number

Enclosures:

- ☒ Fee Payment
- ☐ Reply
- ☐ Terminal Disclaimer Form
- ☐ Additional sheets containing statements establishing unintentional delay
- ☐ Other: _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
- ☐ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

Date

Signature

Typed or printed name of person signing certificate

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:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Ngai Bing Zhang/Monet Noel			
Attorney Docket Number:	023027-0424342			
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. Revive Abandon App, Delay Pymt-Resp	2453	1	850	850
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Utility Appl Issue Fee	2501	1	480	480
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1330

Electronic Acknowledgement Receipt

EFS ID:	22849722
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Ngai Bing Zhang/Monet Noel
Filer Authorized By:	Ngai Bing Zhang
Attorney Docket Number:	023027-0424342
Receipt Date:	07-JUL-2015
Filing Date:	10-NOV-2008
Time Stamp:	18:22:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 1330
RAM confirmation Number	4582
Deposit Account	033975
Authorized User	ZHANG, NGAI B.

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)

Box & Dropbox Exhibit 1007

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		023027-0424342_IFPayment_P etRevival.pdf	308362 1b872efaf20de2a360d32ee405f11a03e6bb34db	yes	4

	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Issue Fee Payment (PTO-85B)		1	1	
	Petition for review by the Office of Petitions		2	4	

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	32404 41e8249b032ef473a0a70c1d6eb0852071f1dc20	no	2
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Warnings:

Information:

Total Files Size (in bytes):			340766
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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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342	7024
7590 03/12/2015 Pillsbury Winthrop Shaw Pittman, LLP (NV) PO Box 10500 McLean, VA 22102			EXAMINER CHANNAVAJJALA, SRIRAMA T	
			ART UNIT 2157	PAPER NUMBER
			NOTIFICATION DATE 03/12/2015	DELIVERY MODE ELECTRONIC

Notice of Abandonment

This application is abandoned in view of:

1. ☐ The applicant's failure to timely file a proper reply to the Office letter mailed on _____.
 - (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission date _____), which is after the expiration of the period for reply (including a total extension of _____ month(s)) which expired on _____.
 - (b) ☐ No reply has been received.
2. ☒ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
 - (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission date _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
 - (b) ☐ The submitted fee of \$ _____ is insufficient. A balance of \$ _____ is due.
The issue fee required by 37 CFR 1.18 is \$ _____.
The publication fee, if required by 37 CFR 1.18(d), is \$ _____.
 - (c) ☒ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
 - (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission date _____), which is after the expiration of the period for reply.
 - (b) ☐ No corrected drawing have been received.
4. ☐ Applicant's failure to timely file the inventor's oath or declaration no later than the date on which the issue fee was paid as required by the Notice Requiring Inventor's Oath or Declaration (PTO-2306).
 - (a) ☐ An inventor's oath or declaration was received on _____ (with a Certificate of Mailing or Transmission date _____), which is after the date on which the issue fee was paid.
 - (b) ☐ While an oath or declaration (or substitute statement) for one or more inventors was received, an oath or declaration (or substitute statement) for at least one other inventor has not been received.
 - (c) ☐ No inventor's oath or declaration has been received.
5. ☐ Drawings received on _____ were disapproved by examiner. See examiner's response dated _____.
6. ☐ Corrected drawings were received on _____, which is after the expiration of the one-month period for reply set in examiner's response dated _____.
7. ☐ No corrected drawings have been received in reply to one-month period set in examiner's response dated _____.
8. ☐ The reason(s) below:

Petitions to revive under 37 CFR 1.137(a) or (b), or request to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

Shirley Berchen

(571)-272-4200 or 1(888)-786-0101

Patent Publication Branch
Office of Data Management

FORM PTO-ABN0 (Rev. 06/09)

Box & Dropbox Exhibit 1007

Page 43



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

909 7590 11/21/2014
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER

CHANNAVAJJALA, SRIRAMA T

ART UNIT

PAPER NUMBER

2157

DATE MAILED: 11/21/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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12/267,852

11/10/2008

Michael R. Manzano

023027-0424342

7024

TITLE OF INVENTION: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

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	02/23/2015

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)

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.

909 7590 11/21/2014
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

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.
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342	7024

TITLE OF INVENTION: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

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	02/23/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHANNAVAJJALA, SRIRAMA T	2157	707-204000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "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.
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342	7024

909 7590 11/21/2014
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER

CHANNAVAJJALA, SRIRAMA T

ART UNIT	PAPER NUMBER
----------	--------------

2157

DATE MAILED: 11/21/2014

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.

Notice of Allowability	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	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 4/21/2014.
☐ 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 1,3-5,8-11,13-15,18-19 [re-numbered as: 1-13]. 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. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>11/12/2014</u> | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/SRIRAMA CHANNAVAJJALA/
Primary Examiner, Art Unit 2157

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

In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status

1. Claims 21,23-41 are allowed in this application.
2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed 1/19/2007 in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/30/2014 is entered.

Information Disclosure Statement

3. The information disclosure statement filed on 11/12/2014 is in compliance with the provisions of 37 CFR 1.97, and has been considered and a copy is enclosed with this Office Action.

Drawings

4. The Drawings filed on 11/10/2008 are acceptable for examination purpose.

Priority

5. Applicant's claim for domestic priority under 35 U.S.C. 119(e) is acknowledged based on the provisional application 60/986,896 filed on 11/9/2007.

Double Patenting

6. In view of "terminal disclaimer" approved on 4/14/2014, the rejection under "double patent" as set forth in the previous office action is hereby withdrawn.

Reasons for allowance

Claims 1,3-5,8-11,13-15,18-19 are allowed

The following is an examiner's statement of reasons:

The closest prior art of Stakutis et al., US Pub. No. 20070027936 is directed to determining changes made to a source file to transmit to a target location providing a mirror copy of the source file, more specifically, modify a source file at a source location is detected, wherein a target file at a target location includes a copy of a version of the source file. A base copy of the source file is created, the operation to modify the source file after creating the base copy is executed. The differences are determined between the source file and the base copy of the file [see Abstract, page 1, 0006, fig 1-2].

The closest prior art of Li, US Pub. No. 20080005114 is directed to on-demand file transfers for mass P2P file sharing, more specifically a mass file sharer or MFS describing P2P file sharing protocol with on-demand file access network, particularly MFS uses a unique metadata structure in combination with an inter-peer file/folder version analysis and inter peer file/folder availability analysis to share complex directory

Art Unit: 2157

structure that may include any number of folders, subfolders and files, also supports updating version chains [Abstract, page 2, 0015, 0022-0024, fig 3, fig 5].

In view of applicant amendment, filed on 4/21/2014 the prior art of Stakutis et al., US Pub. No. 20070027936, Li, US Pub. No. 20080005114 do not disclose, make obvious, or otherwise suggest the structure of the applicant's:

“automatically transfer the modified second electronic file copy to the second electronic device to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy having the content modified by the user;

wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file”, in claim 1,11.

These features, together with the other limitations of the independent claims are novel and non-obvious over the prior art of record. The dependent claims 3-5, 8-10,13-15,18-19 being definite, enabled by the specification and further limiting to the independent claims are also allowable

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Trujillo James , can be reached on (571) 272- 3677. The fax phone numbers for the organization where the 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)

/Srirama Channavajjala/
Primary Examiner, Art Unit 2157.

Notice of References Cited	Application/Control No. 12/267,852		Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA		Art Unit 2157	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2007/0027936	02-2007	Stakutis et al.	707/204
*	B	US-2008/0005114	01-2008	Li, Jin	707/9
*	C	US-2004/0172424	09-2004	Edelstein et al.	707/201
*	D	US-2013/0226871	08-2013	SARNOWSKI, Piotr Konstanty	707/637
*	E	US-2004/0107225	06-2004	Rudoff, Andrew M.	707/204
*	F	US-2006/0010150	01-2006	Shaath et al.	707/102
*	G	US-5,600,834	02-1997	Howard, John H.	713/178
*	H	US-5,806,078	09-1998	Hug et al.	715/205
*	I	US-6,449,624	09-2002	Hammack et al.	1/1
*	J	US-2003/0028542	02-2003	Muttik et al.	707/100
	K	US-			
	L	US-			
	M	US-			


FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	WO 2007047302	04-2007	PCT	Chen,Liren et al.,	
	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. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	

CPC						
Symbol					Type	Version
H04L		67	/	1095	F	2013-01-01
G06F		17	/	30	I	2013-01-01
G06F		15	/	16	I	2013-01-01
G06F		17	/	30174	I	2013-01-01
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CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 13	
/SRIRAMA CHANNAVAJJALA/ Primary Examiner.Art Unit 2157 (Primary Examiner) _____ (Date) _____		11/18/2014 O.G. Print Claim(s) 1	O.G. Print Figure 2 and 3

Issue Classification 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION										
CLASS			SUBCLASS			CLAIMED					NON-CLAIMED					
707			695			G	0	6	F	17 / 00 (2006.01.01)						
CROSS REFERENCE(S)						G	0	6	F	17 / 30 (2006.01.01)						
						G	0	6	F	15 / 16 (2006.01.01)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)															
707	609	638	806	818	821											
707	822	825														
715	229															
709	203	206														

NONE		Total Claims Allowed:	
		13	
(Assistant Examiner)	(Date)		
/SRIRAMA CHANNAVAJJALA/ Primary Examiner.Art Unit 2157	11/18/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2 and 3

Issue Classification 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant															
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<input type="checkbox"/> R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1														
2	3														
3	4														
4	5														
5	8														
6	9														
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12	18														
13	19														


NONE	Total Claims Allowed: 13	
(Assistant Examiner)	(Date)	
/SRIRAMA CHANNAVAJJALA/ Primary Examiner.Art Unit 2157	11/18/2014	O.G. Print Claim(s) 1
(Primary Examiner)	(Date)	O.G. Print Figure 2 and 3

device files copying replacing older versions


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Method and devices for replacing an old identification ...

 www.google.com/patents/WO2003065612A1?cl=en
 App - Filed Apr 10, 2003 - Published Oct 16, 2003 - Serge Barbe - Serge Barbe
 A method of replacing an old identification device by a new To that end, the copying device GPYSIM first selects the main file (MF) of the old ...
[Overview](#) - [Related](#) - [Discuss](#)


Updating computer files on wireless data processing devices

 www.google.com/patents/US7024432
 Grant - Filed Aug 1, 2001 - Issued Apr 4, 2006 - Igor Muttik - McAfee, Inc.
 When a device storing a more up-to-date version of the file than the ...
 Previous page when a full copy of said more up-to-date version of said file is ... target data processing device, version replacing logic operable to replace ...
[Overview](#) - [Related](#) - [Discuss](#)


Distributed open writable snapshot copy facility using ...

 www.google.com/patents/US7546431
 Grant - Filed Mar 21, 2005 - Issued Jun 9, 2009 - Christopher H. Stacey - Emc Corporation
 The read-write snapshot copy file system initially comprises stub files ... snapshot copy facility migrates a copy of the file to replace the stub file, and then ... of the data processing device, stub files including pointers to data files in ... file system is to be modified, the old version of the data is copied to a save
[Overview](#) - [Related](#) - [Discuss](#)


Method for replacing a device driver during system operation

 www.google.com/patents/US6653489
 Grant - Filed Mar 29, 2000 - Issued Dec 2, 2003 - Albert Andre Asselin - International Business Machines Corporation
 Particularly useful with file system and file storage devices, the ... the device driver, copying a new device driver in place of the old device driver for version errors or incompatibility with the shell driver or device (decision 54).
[Overview](#) - [Related](#) - [Discuss](#)

Method for replacing a device driver during system operation

 www.google.com/patents/CA2340969C?cl=en
 Grant - Filed Mar 14, 2001 - Issued Jan 11, 2005 - Albert Andre Asselin - International Business Machines Corporation
 Particularly useful with file system and file storage devices, the method ... device driver, copying a new device driver in place of the old device driver Next, the replacement driver is loaded (step 50) and checked for version ...
[Overview](#) - [Related](#) - [Discuss](#)

Method and device for adding or replacing storage

 www.google.com/patents/WO2013103554A1?cl=en
 App - Filed Dec 21, 2012 - Published Jul 11, 2013 - Eric OBLIGACION - Unisys Corporation
 After the storage device is re-keyed, the new or replacement storage device may ... key from an existing or prior storage device on the secure data network. The processor is further configured to store a copy of the file in the memory. This secure boot device 102 may store a trusted version of an ...
[Overview](#) - [Related](#) - [Discuss](#)

Automatic update of file versions for files shared by ...

transfer files modifying files replacing older versions

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File save method for HTML files using recovery files ...


www.google.com/patents/US7721191

Grant - Filed Aug 5, 2008 - Issued May 18, 2010 - Alan A. Ramaley - Microsoft Corporation

A computer-implemented process for **replacing** old files having old names on a ... and more specifically to **replacing** an old version of an HTML document on a ... The non-opaque new files are **transferred** onto the permanent storage ... A user may **modify** a set of old files not only by **changing** the contents of ...

[Overview](#) - [Related](#) - [Discuss](#)

Work monitor with file synchronization


www.google.com/patents/US7363330

Grant - Filed Jun 7, 1999 - Issued Apr 22, 2008 - Nancy Ellman - Symantec Corporation

The newer version of the file overwrites the **older version** of the file on ... automatically **transferring** said **modified file** to said second computer and ... **replacing** said **modified file** on said first computer with said identified file on ...

[Overview](#) - [Related](#) - [Discuss](#)

Automatic update of file versions for files shared by ...


www.google.com/patents/US5909669

Grant - Filed Sep 18, 1997 - Issued Jun 1, 1999 - John M. Van Ryzin - Sony Corporation

replacing a less current file version by said more current file version by copying said more current file version from the corresponding file directory and **transferring** said ... in addition, two team members may want to **modify** the same source file ... **Old versions** of the source files in each team member's project ...

[Overview](#) - [Related](#) - [Discuss](#)

Safe save method of HTML files using recovery files ...


www.google.com/patents/US7099721

Grant - Filed Jun 15, 1999 - Issued Feb 21, 2004 - Alan A. Ramaley - Microsoft Corporation

A computer-implemented process for **replacing** old files having old names on a ... and more specifically to **replacing** an old version of an HTML document on a ... The non-opaque new files are **transferred** onto the permanent storage ... A user may **modify** a set of old files not only by **changing** the contents of ...

[Overview](#) - [Related](#) - [Discuss](#)

Method and apparatus for reconciling different versions of ...


www.google.com/patents/US5600834

Grant - Filed Apr 5, 1995 - Issued Feb 4, 1997 - John H. Howard - Mitsubishi Electric Information Technology Center America, Inc.

1 is a diagrammatic representation of the **transfer** of versions of a file from an ... 2, it will be seen how it is possible to **modify** files at two different sites or ... If the file to be **replaced** is not an earlier version, the system will report ...

[Overview](#) - [Related](#) - [Discuss](#)

Web-based file transfer protocol server enterprise manager ...


www.google.com/patents/US20060179155

App. - Filed Feb 4, 2005 - Published Aug 10, 2006 - Harry Bunting - Bunting Harry E.

All file **transfer** history for downloads/uploads may be viewable by client users ... **modifying** the download request if the download request is already ... **replacing** the **previous version** with a current version of the specific file; and.

Get to Google faster. Update your default search engine.

Sure

No thanks

x

files copy transfer versions users

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[More ▾](#)
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Updating distributed data files using active token ...


www.google.com/patents/US6884308

 Grant - Filed Apr 12, 1995 - Issued Mar 16, 1999 - John H. Foulston -
British Telecommunications Public Limited Company

 Tokens can only be **transferred** from one **user** to another with the ...
token, a **copy** of the latest **version** of the respective associated **file** is
also ...

[Overview](#) - [Related](#) - [Discuss](#)

Web-based file transfer protocol server enterprise manager ...


www.google.com/patents/US20060179155

 App. - Filed Feb 4, 2005 - Published Aug 10, 2006 - Harry Bunting -
Bunting Harry E

 The system allows **users** to upload **files** from the **file** depository to ... set
by **users** and downloads the latest **version** of its **file** and archives old
versions ... that allows a **user** to view the plurality of **files** and **copy** a
selected one of ...

[Overview](#) - [Related](#) - [Discuss](#)

Object transfer method using gesture-based computing device

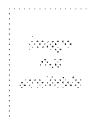

www.google.com/patents/US8788947

 Grant - Filed Jun 14, 2011 - Issued Jul 22, 2014 - Ákos Putz - LogMeIn,
Inc.

 The **user** desires to **copy** and/or **move** resources between first and
second ... The overview is a folder level view of all folders and **files** located
on the ... reduced **version** of the first view together with an overview of
one or more ...

[Overview](#) - [Related](#) - [Discuss](#)

Direct file transfer without sending requested file ...


www.google.com/patents/WO2013152157A1?cl=en

 App. - Filed Apr 4, 2013 - Published Oct 10, 2013 - Andrii GOMILKO -
Sony Corporation

 receive a **user** command to **copy** or **transfer** a content **file** on the source
repository ... The method of Claim 8, wherein the function is a **file copy**.

[Overview](#) - [Related](#) - [Discuss](#)

Transfer of mail folders between e-mail users


www.google.com/patents/US7216114

 Grant - Filed Aug 9, 2001 - Issued May 8, 2007 - Melanie Hendricks -
International Business Machines Corporation

 To **transfer** the folders manually, the **user** has to create these folders in
their mail **file**, **copy** the e-mails from the previous **user** and paste them
in ...

[Overview](#) - [Related](#) - [Discuss](#)

Transaction based virtual file system optimized for ...


www.google.com/patents/WO2005119494A2?cl=en

 App. - Filed Jun 8, 2005 - Published Dec 15, 2005 - Robert O Keith Jr -
Robert O Keith Jr

 ... of the client **file version**; **transferring** a **copy** of the server **file version**
to ... in a remote execution embodiment, a **user** accesses software
which ...

[Overview](#) - [Related](#) - [Discuss](#)

Delta transfers in distributed file systems


www.google.com/patents/US7092972







 Grant - Filed May 9, 2002 - Issued Aug 16, 2006 - Ravi Kashyap - Sun
Microsystems, Inc.

WEST Search History

DATE: Tuesday, November 18, 2014

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>Interference</i>			
	<i>DB=PGPB; PLUR=YES; OP=OR</i>		
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<input type="checkbox"/>	L19	(mobile and object \$ 1 and device \$ 1 and memory and stor \$ 3 and modify \$ 3 and first and electronic and file \$ 1 and copy \$ 3).clm.	0
<input type="checkbox"/>	L15	(stor \$ 3 and modify \$ 3 and first and electronic and file \$ 1 and copy \$ 3 and runtime and environment and mobile and agent and object \$ 1).clm.	0
<input type="checkbox"/>	L13	(runtime and operation \$ 1 and version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	0
<input type="checkbox"/>	L12	(mobile and operation \$ 1 and version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	0
<input type="checkbox"/>	L11	(mobile and agent and object \$ 1 and operation \$ 1 and version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	0
<input type="checkbox"/>	L10	(operation \$ 1 and version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	1
<input type="checkbox"/>	L9	(save and operation \$ 1 and version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	0
<input type="checkbox"/>	L8	(replac \$ 3 and version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	0
<input type="checkbox"/>	L7	(version \$ 1 and first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	1

(replac \$ 3 and older and version \$ 1 and first and electronic and device \$ 1 and

	L6	configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	0
	L5	(first and electronic and device \$ 1 and configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	1
	L4	(configur \$ 3 and user \$ 1 and automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	1
	L3	(automatic \$ 3 and transfer \$ 3 and application \$ 1 and device \$ 1 and copy and content \$ 1 and modify \$ 3).clm.	2
	L2	(modify \$ 3 and file \$ 1 and content \$ 1 and copy \$ 3 and electronic and device \$ 1 and replac \$ 3 and older and version \$ 1).clm.	0
	L1	(modify \$ 3 and electronic and file \$ 1 and save \$ 3 and operattion \$ 2 and automatica \$ 4 and transf \$ 3).clm.	0

END OF SEARCH HISTORY

WEST Search History

DATE: Tuesday, November 18, 2014

Hide? Set
Name Query

Hit
Count

Prior Art

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

	L10 and ((H04L67/04 IH04L67/1095 IH04L67/16 IH04L29/06 IH04L51/063 IH04L51/14 IH04L51/38 IH04L63/0428 IH04L67/18 IH04L67/26 IH04L67/42 IH04L69/329 IH04L51/08 IH04L51/28 IH04L29/0854 IH04L29/08873 IH04L65/4076 IH04L65/602 IH04L65/80 IH04L67/1068 IH04L67/125 IH04L67/24 IH04L67/2876 IG06Q10/107 IG06Q10/109 IG06Q30/02 IG06Q30/0253 IG06Q30/0267 IG06Q30/0269 IG06Q30/0277 IG06Q30/0282 IG06Q30/08 IG06Q50/12 IH04M1/72558 IH04M2203/353 IH04M3/4211 IH04M3/4872 IH04M1/7253 IH04M2250/64 IH04M19/04 IH04M1/6058 IH04M1/6066 IH04M1/6091 IH04M1/72533 IH04M1/72544 IH04M2203/053 IH04M2203/25 IH04M2203/554 IH04M2207/18 IH04M2250/02 IH04W4/00 IH04W8/18 IH04W99/00 IH04W40/02 IH04W4/02 IH04W4/12 IH04W4/16 IH04W4/18 IH04W56/00 IH04W84/18 IH04W88/02 IH04W88/04 IG06F17/30194 IG06F17/30017 IG06F17/30286 IG06F17/30749 IG06F17/30761 IG06F17/30867 IG06F17/3089 IG06F17/30905 IG06F19/3481 IG06F21/10 IG06F21/6236 IG06F2221/2101 IH04N9/87 IG09B19/0092 IG11B27/10 IY10S707/99942 IY10S707/99943 IY10S707/99944 IY10S707/99945 IY10S707/99948 IY10S707/99952 IY10S707/99953).CPC. or (1/1 I455/556.1 I455/74 I455/412.1 I455/418 I455/502 I455/550.1 I455/90.1 I455/90.2 I455/90.3 I707/999.107 I707/999.201 I707/E17.005 I707/E17.009 I707/E17.109 I707/E17.116 I707/999.002 I707/999.01 I707/999.101 I707/999.102 I707/999.103 I707/999.104 I707/999.202 I709/206 I709/248 I709/201 I709/203 I709/207 I709/208 I709/217 I709/224 I709/230 I709/245 I726/5 I726/26 I726/6 I726/7 I340/326 I340/7.21 I340/7.29 I340/7.51 I380/201 I705/14.51 I705/14.64 I705/14.66 I705/14.73 I713/182 I713/183 I713/189 I713/193 I715/202).CCLS. and (G06F17/30 IG06F15/16 IG06F17/00 IG06F12/00 IG06F21/00 IG06F11/00 IG06F11/30 IG06F12/14 IG06F13/00 IG06F15/02 IG06F19/00 IG06F21/20 IG06F21/24 IG06F7/04 IG06F7/58 IG10H1/00 IG10H7/00 IH04L12/28 IH04L29/08 IH04L12/56 IH04L12/58 IH04L29/06 IH04L12/18 IH04L9/00 IH04L9/30 IH04L29/10 IH04L9/14 IH04L9/32 IH04M1/00 IH04M11/00 IH04M3/487 IH04M1/02 IH04M1/725 IA63J17/00 IA63J5/10 IG06Q10/00 IG06Q30/00 IG06Q50/00 IH04Q7/38 IH04Q7/20 IH04Q9/00 IG06K19/00 IG06K9/00 IG07F7/00 IG08B27/00 IG10G1/00 IH01L33/00 IH03G1/00 IH04B1/38 IH04B1/40 IH04K1/00 IH04N21/47 IH04N21/472 IH04N21/4788 IH04N5/775 IH04N7/08 IH04N7/173 IH04N7/24 IH04N7/52 IH04W4/18 IH04W80/02 IH04W80/12 IH04W88/06).IPCR.) and (file\$1 near\$ version\$1)	1
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 and (replac\$3 near5 version\$1)
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 L68 L67 and (automatically near5 transfer\$3) 62
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 content\$1) and @py<=2007 268
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I707/611 I707/625 I707/639 I707/654 I707/655 I707/661 I707/690 I707/697
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I717/172 I717/173 I717/177 I717/178 I714/E11.118 I714/6.31 I714/E11.122
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I709/248 I711/111 I711/162 I711/E12.069 I711/170 I711/171 I345/619 I358/1.15
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IG06F21/00 IG06F21/24 IG06F3/048 IG06F3/0481 IG06F3/12 IH04L29/06
IH04L29/08 IH04L9/06 IH04L9/32 IB07C1/00 IB07C3/00 IG09G5/00
IG11B27/031 IG11B27/32).IPCR.) and (replac\$3 near5 version\$1)

L64

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I717/172 I717/173 I717/177 I717/178 I714/E11.118 I714/6.31 I714/E11.122
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L59 and ((Y10S707/99954 IY10S707/99953 IY10S707/959 IY10S707/99955
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IG11B20/10527 IB07C1/00 IB07C3/00 IH04H60/21 IH04H60/23 IH04H60/82
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I717/172 I717/173 I717/177 I717/178 I714/E11.118 I714/6.31 I714/E11.122
I714/E11.125 I714/4.1 IG9B/27.01 IG9B/27.021 IG9B/27.043 IG9B/27.047
I709/218 I709/201 I709/203 I709/217 I709/219 I709/220 I709/229 I709/246
I709/248 I711/111 I711/162 I711/E12.069 I711/170 I711/171 I345/619 I358/1.15
I358/403 I380/241 I705/4 I710/19 I710/33 I713/1 I713/165 I713/176 I715/234
I715/764 I715/810 I719/328 I726/3).CCLS. and (G06F17/30 IG06F11/14
IG06F12/00 IG06F9/44 IG06F7/00 IG06F9/445 IG06F15/16 IG06F17/00
IG06F12/08 IG06F12/12 IG06F12/14 IG06F15/02 IG06F15/177 IG06F1/00
IG06F21/00 IG06F21/24 IG06F3/048 IG06F3/0481 IG06F3/12 IH04L29/06
IH04L29/08 IH04L9/06 IH04L9/32 IB07C1/00 IB07C3/00 IG09G5/00
IG11B27/031 IG11B27/32).IPCR.) and (transfer\$3 near5 file\$1)

L59 and ((Y10S707/99954 IY10S707/99953 IY10S707/959 IY10S707/99955
IY10S707/914 IY10S707/916 IY10S707/99931 IY10S707/99938 IY10S707/922
IY10S707/99939 IY10S707/99942 IY10S707/99944 IY10S707/99945
IY10S707/99952 IG06F17/3023 IG06F17/30212 IG06F8/68 IG06F8/71
IG06F11/1451 IG06F11/1461 IG06F11/1469 IG06F17/30144 IG06F17/30171
IG06F17/30309 IG06F8/65 IG06F11/1448 IG06F11/1456 IG06F11/1464
IG06F12/0862 IG06F12/12 IG06F15/0225 IG06F17/30 IG06F17/30008
IG06F17/30011 IG06F17/30085 IG06F17/30097 IG06F17/30174 IG06F17/30197
IG06F17/30206 IG06F17/30215 IG06F17/3028 IG06F17/30289 IG06F17/30351
IG06F17/30371 IG06F17/3056 IG06F17/30569 IG06F17/30575 IG06F17/30578
IG06F17/3061 IG06F17/30861 IG06F17/30899 IG06F17/30905 IG06F17/30949
IG06F21/604 IG06F21/6209 IG06F21/64 IG06F2221/2145 IG06F8/61
IH04L69/329 IH04L29/06 IH04L67/1095 IH04L67/06 IH04L67/10 IH04L12/5835
IH04L29/06027 IH04L51/066 IH04L63/0807 IH04L67/104 IH04L67/1076
IH04L67/28 IH04L67/2852 IH04L67/34 IH04L67/42 IH04L9/0861 IH04L9/3236
IG06Q40/08 IG06Q10/10 IG06Q30/0633 IG11B2220/2516 IG11B2220/455
IG11B2220/90 IG11B27/031 IG11B27/11 IG11B27/322 IG11B27/326

L61 IG11B20/10527 IB07C1/00 IB07C3/00 IH04H60/21 IH04H60/23 IH04H60/82
IH04N1/00209 IH04N1/00212 IH04N1/0045 IH04N1/00453 IH04N1/00461
IH04N1/32117 IH04N21/2223 IH04N21/2335 IH04N21/2347 IH04N21/252
IH04N21/2543 IH04N21/41407 IH04N21/41422 IH04N21/4184 IH04N21/472
IH04N21/8106 IH04N21/8113 IH04N21/8355 IH04N2201/325
IH04N2201/3278).CPC. or (1/1 I707/E17.005 I707/999.01 I707/999.203
I707/E17.032 I707/999.202 I707/695 I707/999.204 I707/E17.007 I707/E17.01
I707/999.001 I707/999.008 I707/999.102 I707/999.2 I707/638 I707/693 I707/758
I707/827 I707/959 I707/999.009 I707/999.104 I707/999.201 I707/E17.008
I707/E17.031 I707/E17.036 I707/E17.058 I707/E17.119 I707/E17.121 I707/609
I707/611 I707/625 I707/639 I707/654 I707/655 I707/661 I707/690 I707/697
I707/698 I707/752 I707/769 I707/812 I707/828 I707/914 I707/916 I707/922
I707/999.002 I707/999.003 I707/999.006 I707/999.1 I707/999.101 I707/999.103
I707/999.205 I717/170 I717/100 I717/106 I717/122 I717/137 I717/141 I717/168
I717/172 I717/173 I717/177 I717/178 I714/E11.118 I714/6.31 I714/E11.122
I714/E11.125 I714/4.1 IG9B/27.01 IG9B/27.021 IG9B/27.043 IG9B/27.047
I709/218 I709/201 I709/203 I709/217 I709/219 I709/220 I709/229 I709/246
I709/248 I711/111 I711/162 I711/E12.069 I711/170 I711/171 I345/619 I358/1.15
I358/403 I380/241 I705/4 I710/19 I710/33 I713/1 I713/165 I713/176 I715/234

11

I715/764 I715/810 I719/328 I726/3).CCLS. and (G06F17/30 IG06F11/14
 IG06F12/00 IG06F9/44 IG06F7/00 IG06F9/445 IG06F15/16 IG06F17/00
 IG06F12/08 IG06F12/12 IG06F12/14 IG06F15/02 IG06F15/177 IG06F1/00
 IG06F21/00 IG06F21/24 IG06F3/048 IG06F3/0481 IG06F3/12 IH04L29/06
 IH04L29/08 IH04L9/06 IH04L9/32 IB07C1/00 IB07C3/00 IG09G5/00
 IG11B27/031 IG11B27/32).IPCR.) and (applicat\$3 near5 user\$1)
 L59 and ((Y10S707/99954 IY10S707/99953 IY10S707/959 IY10S707/99955
 IY10S707/914 IY10S707/916 IY10S707/99931 IY10S707/99938 IY10S707/922
 IY10S707/99939 IY10S707/99942 IY10S707/99944 IY10S707/99945
 IY10S707/99952 IG06F17/3023 IG06F17/30212 IG06F8/68 IG06F8/71
 IG06F11/1451 IG06F11/1461 IG06F11/1469 IG06F17/30144 IG06F17/30171
 IG06F17/30309 IG06F8/65 IG06F11/1448 IG06F11/1456 IG06F11/1464
 IG06F12/0862 IG06F12/12 IG06F15/0225 IG06F17/30 IG06F17/30008
 IG06F17/30011 IG06F17/30085 IG06F17/30097 IG06F17/30174 IG06F17/30197
 IG06F17/30206 IG06F17/30215 IG06F17/3028 IG06F17/30289 IG06F17/30351
 IG06F17/30371 IG06F17/3056 IG06F17/30569 IG06F17/30575 IG06F17/30578
 IG06F17/3061 IG06F17/30861 IG06F17/30899 IG06F17/30905 IG06F17/30949
 IG06F21/604 IG06F21/6209 IG06F21/64 IG06F2221/2145 IG06F8/61
 IH04L69/329 IH04L29/06 IH04L67/1095 IH04L67/06 IH04L67/10 IH04L12/5835
 IH04L29/06027 IH04L51/066 IH04L63/0807 IH04L67/104 IH04L67/1076
 IH04L67/28 IH04L67/2852 IH04L67/34 IH04L67/42 IH04L9/0861 IH04L9/3236
 IG06Q40/08 IG06Q10/10 IG06Q30/0633 IG11B2220/2516 IG11B2220/455
 IG11B2220/90 IG11B27/031 IG11B27/11 IG11B27/322 IG11B27/326
 IG11B20/10527 IB07C1/00 IB07C3/00 IH04H60/21 IH04H60/23 IH04H60/82
 IH04N1/00209 IH04N1/00212 IH04N1/0045 IH04N1/00453 IH04N1/00461
 IH04N1/32117 IH04N21/2223 IH04N21/2335 IH04N21/2347 IH04N21/252
 IH04N21/2543 IH04N21/41407 IH04N21/41422 IH04N21/4184 IH04N21/472
 IH04N21/8106 IH04N21/8113 IH04N21/8355 IH04N2201/325
 IH04N2201/3278).CPC. or (1/1 I707/E17.005 I707/999.01 I707/999.203
 I707/E17.032 I707/999.202 I707/695 I707/999.204 I707/E17.007 I707/E17.01
 I707/999.001 I707/999.008 I707/999.102 I707/999.2 I707/638 I707/693 I707/758
 I707/827 I707/959 I707/999.009 I707/999.104 I707/999.201 I707/E17.008
 I707/E17.031 I707/E17.036 I707/E17.058 I707/E17.119 I707/E17.121 I707/609
 I707/611 I707/625 I707/639 I707/654 I707/655 I707/661 I707/690 I707/697
 I707/698 I707/752 I707/769 I707/812 I707/828 I707/914 I707/916 I707/922
 I707/999.002 I707/999.003 I707/999.006 I707/999.1 I707/999.101 I707/999.103
 I707/999.205 I717/170 I717/100 I717/106 I717/122 I717/137 I717/141 I717/168
 I717/172 I717/173 I717/177 I717/178 I714/E11.118 I714/6.31 I714/E11.122
 I714/E11.125 I714/4.1 IG9B/27.01 IG9B/27.021 IG9B/27.043 IG9B/27.047
 I709/218 I709/201 I709/203 I709/217 I709/219 I709/220 I709/229 I709/246
 I709/248 I711/111 I711/162 I711/E12.069 I711/170 I711/171 I345/619 I358/1.15
 I358/403 I380/241 I705/4 I710/19 I710/33 I713/1 I713/165 I713/176 I715/234
 I715/764 I715/810 I719/328 I726/3).CCLS. and (G06F17/30 IG06F11/14
 IG06F12/00 IG06F9/44 IG06F7/00 IG06F9/445 IG06F15/16 IG06F17/00
 IG06F12/08 IG06F12/12 IG06F12/14 IG06F15/02 IG06F15/177 IG06F1/00
 IG06F21/00 IG06F21/24 IG06F3/048 IG06F3/0481 IG06F3/12 IH04L29/06
 IH04L29/08 IH04L9/06 IH04L9/32 IB07C1/00 IB07C3/00 IG09G5/00
 IG11B27/031 IG11B27/32).IPCR.) and (modify\$3 near5 file\$1)

L60 5

L59 L58 and I57 42

L58 (file\$1 and version\$1 and transfer\$3).ab. and @py<=2007 363

■	L57	L56 or l55 or l54	329240
■	L56	715/\$.ccls.	113898
■	L55	709/203,206.ccls.	51991
■	L54	707/\$.ccls.	193323
■	L53	L52 and (mobile near5 device\$1)	21
■	L52	L51 and (copy near5 file\$1)	22
		L50 and (((G06F11/1402) IG06F11/1451 IG06F11/1471 IG06F12/1408 IG06F17/30076 IG06F17/30132 IG06F17/30174 IG06F17/30188 IG06F17/30212 IG06F21/10 IG06F21/31 IG06F21/33 IG06F21/86 IG06F2211/007 IG06F2221/0737 IG06F2221/0797 IG06F2221/2101 IG06F2221/2115 IG06F2221/2135 IG06F2221/2151 IG06F8/20 IG06F8/30 IG06F8/34 IG06F8/36 IG06F8/38 IG06F8/71 IG06F9/44 IG06F9/466 IH04N1/00132 IH04N1/00137 IH04N1/00156 IH04N1/00164 IH04N1/00169 IH04N1/00177 IH04N1/00244 IH04N21/2347 IH04N21/23476 IH04N21/235 IH04N21/2362 IH04N21/2541 IH04N21/2543 IH04N21/2547 IH04N21/25875 IH04N21/4143 IH04N21/4345	
■	L51	IH04N21/435 IH04N21/4405 IH04N21/44204 IH04N21/443 IH04N21/4627 IH04N21/4753 IH04N21/6581 IH04N21/8166 IH04N21/835 IH04N21/8355 IH04N21/83555 IH04N21/8358 IH04N7/162 IH04N7/17309 IY10S707/99952 IY10S707/99953 IG06Q20/02 IG06Q20/023 IG06Q20/04 IG06Q20/12 IG06Q20/1235 IG06Q20/24 IG06T1/0021 IG07F9/026 IH04L2463/101 IH04L2463/102 IH04L2463/103 IH04L63/20 IH04L67/1095).CPC. ((G06F1/00) IG06F11/14 IG06F12/14 IG06F15/16 IG06F17/30 IG06F21/00 IG06F3/12 IG06F9/44 IG06Q20/00 IG06T1/00 IG07F17/00 IG07F17/16 IH04L29/06 IH04N1/00 IH04N5/00 IH04N5/76 IH04N7/16 IH04N7/173 IH04N7/24).IPCR.) and (modif\$3 near5 file\$1)	25
■	L50	L49 and (mobile near5 object\$1)	28
■	L49	L36 and (runtime nar5 object\$1)	414
		L45 and (((G06F11/1402) IG06F11/2094 IG06F12/1408 IG06F17/30082 IG06F17/30126 IG06F17/30138 IG06F17/30147 IG06F17/30174 IG06F17/30215 IG06F21/10 IG06F21/31 IG06F21/33 IG06F21/34 IG06F21/562 IG06F21/6218 IG06F21/86 IG06F2211/007 IG06F2221/0737 IG06F2221/0784 IG06F2221/0797 IG06F2221/2101 IG06F2221/2115 IG06F2221/2135 IG06F2221/2151 IG06F3/0608 IG06F3/0643 IG06F3/0652 IG06F8/65 IG06F9/54 IG06Q10/06 IG06Q10/10 IG06Q10/107 IG06Q20/02 IG06Q20/023 IG06Q20/04 IG06Q20/12 IG06Q20/1235 IG06Q20/24 IG06Q30/06 IG06Q50/18 IH04L2463/101 IH04L2463/102 IH04L2463/103 IH04L63/0227 IH04L63/0428 IH04L63/061 IH04L63/08 IH04L63/10 IH04L63/145 IH04L63/20 IH04L67/1095 IH04L67/16	
■	L46	IH04L67/2823 IH04L67/2847 IH04L67/2852 IH04L67/289 IH04L67/34 IF41H13/00 IF41H13/0093 IG06T1/0021 IG07F9/026 IH04N21/2347 IH04N21/23476 IH04N21/235 IH04N21/2362 IH04N21/2541 IH04N21/2543 IH04N21/2547 IH04N21/25875 IH04N21/4143 IH04N21/4345 IH04N21/435 IH04N21/4405 IH04N21/44204 IH04N21/443 IH04N21/4627 IH04N21/4753 IH04N21/6581 IH04N21/8166 IH04N21/835 IH04N21/8355 IH04N21/83555 IH04N21/8358 IH04N7/162 IH04N7/17309).CPC. ((G06F1/00) IG06F11/30 IG06F12/00 IG06F12/14 IG06F13/00 IG06F15/16 IG06F15/167 IG06F17/00 IG06F17/30 IG06F21/00 IG06F7/00 IG06F9/44 IH04L29/06 IH04L9/32 IG06Q20/00 IG06T1/00 IG07F17/00 IG07F17/16 IH04B15/00 IH04N5/00 IH04N7/16 IH04N7/173 IH04N7/24).IPCR.) and (mobile near5 object\$1)	19

■	L45	L35 and (mobile near5 agent\$1)	42
		L10 and (((G06Q10/107) IG06Q10/109 IG06Q30/02 IG06Q30/0253 IG06Q30/0267 IG06Q30/0269 IG06Q30/0277 IG06Q30/08 IH04L29/06 IH04L29/08108 IH04L29/08423 IH04L29/08567 IH04L29/08648 IH04L29/08684 IH04L51/063 IH04L51/08 IH04L51/14 IH04L51/28 IH04L51/38 IH04L63/0428 IH04L65/4076 IH04L65/602 IH04L65/80 IH04L67/04 IH04L67/1095 IH04L67/16 IH04L67/18 IH04L67/26 IH04L67/42 IH04L69/329 IH04M1/6058 IH04M1/6066 IH04M1/6091 IH04M1/7253 IH04M1/72533 IH04M1/72544 IH04M1/72558 IH04M19/04 IH04M2203/053 IH04M2203/25 IH04M2203/353 IH04M2203/554 IH04M2207/18 IH04M2250/02 IH04M2250/64 IH04M3/4211 IH04M3/4872 IH04W4/00 IH04W4/02 IH04W4/12 IH04W4/16 IH04W4/18 IH04W40/02 IH04W56/00 IH04W8/18 IH04W84/18 IH04W88/02 IH04W88/04 IH04W99/00 IG06F17/30017 IG06F17/30194 IG06F17/30286 IG06F17/30749 IG06F17/30761 IG06F17/30867 IG06F17/3089 IG06F17/30905 IG06F19/3481 IG06F21/10 IG06F21/6236 IG06F2221/2101 IG09B19/0092 IG11B27/10 IY10S707/99952 IY10S707/99953).CPC. or ((1/1) I455/412.1 I455/418 I455/502 I455/550.1 I455/556.1 I455/74 I455/90.1 I455/90.2 I455/90.3 I707/999.01 I707/999.107	
■	L44	I707/999.201 I707/999.202 I707/E17.005 I707/E17.009 I707/E17.109 I707/E17.116 I709/201 I709/203 I709/206 I709/207 I709/208 I709/217 I709/224 I709/245 I709/248 I726/26 I726/5 I726/6 I726/7 I340/326 I340/7.21 I340/7.29 I340/7.51 I380/201 I705/14.51 I705/14.64 I705/14.66 I705/14.73 I713/182 I713/183 I713/189 I713/193 I715/202).CCLS. and ((G06F11/00) IG06F11/30 IG06F12/00 IG06F12/14 IG06F13/00 IG06F15/02 IG06F15/16 IG06F17/00 IG06F17/30 IG06F19/00 IG06F21/00 IG06F21/20 IG06F21/24 IG06F7/04 IG06F7/58 IH04L12/18 IH04L12/28 IH04L12/56 IH04L12/58 IH04L29/06 IH04L29/08 IH04L29/10 IH04L9/00 IH04L9/14 IH04L9/30 IH04L9/32 IG10H1/00 IG10H7/00 IH04M1/00 IH04M1/02 IH04M1/725 IH04M11/00 IH04M3/487 IA63J17/00 IA63J5/10 IG06Q10/00 IG06Q30/00 IG06Q50/00 IH04B1/38 IH04B1/40 IH04Q7/20 IH04Q7/38 IH04Q9/00 IG06K19/00 IG06K9/00 IG07F7/00 IG08B27/00 IG10G1/00 IH01L33/00 IH03G1/00 IH04K1/00 IH04N21/47 IH04N21/472 IH04N21/4788 IH04N5/775 IH04N7/08 IH04N7/173 IH04N7/24 IH04N7/52 IH04W4/18 IH04W80/02 IH04W80/12 IH04W88/06).IPCR.) and (electronic near5 file\$1) and (electronic near5 device\$1)	3
■	L43	L42 and (user\$1 near5 device\$1)	7
■	L42	L39 and (third near5 copy)	9
■	L41	L40 and (((A61J1/1437) IA61J7/0084 IG06F19/322 IG06F19/323 IG06F19/326 IG06F19/327 IG06F19/3418 IG06F19/3462 IG06F21/35 IG06F2221/2111 IG07C9/00111).CPC. ((A61J1/00) IA61J7/00 IG06F1/00 IG06F19/00 IG06F21/00 IG07C9/00).IPCR.) and (copy near5 stor\$3)	3
■	L40	L39 and (automatic\$3 near5 transfer\$3) and (application\$1 near5 file\$1)	3
■	L39	(second near5 copy) and (electronic near5 device\$1) and (modify\$3 near5 file\$1) and @py<=2008	116
■	L38	L37 and (((G06F17/30038) IG06F17/30053 IG06F17/30067 IG06F17/30106 IG06F17/30861 IG06F17/30867 IG06F17/3089 IG06F2003/0697 IG06F2009/45562 IG06F21/10 IG06F3/0601 IG06F9/45533 IG06F9/45558 IG06F9/5083 IY10S707/915 IY10S707/955 IY10S707/959 IY10S707/966 IY10S707/99938 IY10S707/99952 IY10S707/99953 IY10S707/99955 IG06Q50/01 IH04L2463/101 IH04L29/06 IH04L63/10 IH04L67/06 IH04L67/104	2

	IH04L67/1063 IH04L67/12 IH04L67/30 IH04N1/00127).CPC. ((G06F12/16) IG06F15/16 IG06F15/177 IG06F17/30 IG06F7/00 IH04K1/00).IPCR.) and (second near5 application)	
■	L37 L36 and (transfer\$3 near5 copy) and @py<=2008	16
■	L36 L35 and (second near5 device)	546
■	L35 (distribut\$3 near5 file\$1) and (second near5 file) and (modify\$3 near5 file\$1)	2324
■	L33 L32 and (electronic near5 device\$1)	9
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	L13 L12 and copy\$3	1
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	L9 (mobile and file\$1 and synchroniz\$4).ab. and @py<=2008	205
	L8 L7 and synchroniz\$3	1
	L7 L6 and stor\$3	11
	L6 L1 and pda	11
	L4 L3 and (modify\$3 near5 file\$1)	7
	L3 L2 and (copy\$3 near5 file\$1)	91
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L1 ((backup or archiv\$3) and file\$1 and transfer\$3).ab. and @py<2007


426

END OF SEARCH HISTORY

<i>Index of Claims</i> 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157

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

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant										<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE													
Final	Original	06/20/2011	04/18/2012	07/01/2013	11/26/2013	11/18/2014									
1	1	✓	✓	✓	✓	=									
	2	✓	✓	✓	✓	-									
2	3	✓	✓	✓	✓	=									
3	4	✓	✓	✓	✓	=									
4	5	✓	✓	✓	✓	=									
	6	✓	✓	✓	✓	-									
	7	✓	✓	✓	✓	-									
5	8	✓	✓	✓	✓	=									
6	9	✓	✓	✓	✓	=									
7	10	✓	✓	✓	✓	=									
8	11	✓	✓	✓	✓	=									
	12	✓	✓	✓	✓	-									
9	13	✓	✓	✓	✓	=									
10	14	✓	✓	✓	✓	=									
11	15	✓	✓	✓	✓	=									
	16	✓	✓	✓	✓	-									
	17	✓	✓	✓	✓	-									
12	18	✓	✓	✓	✓	=									
13	19	✓	✓	✓	✓	=									
	20	✓	✓	-	-	-									
	21			✓	✓	-									

Search Notes 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

CPC- SEARCHED		
Symbol	Date	Examiner
G06F17/00;G06F17/30	11/18/2014	sc
G06F15/16	11/18/2014	sc

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
707	999.204 limited text search	6/20/2011	JDE
707	608-609,638,657,695,806,818,821-822,825	11/18/2014	sc
709	203,206	11/18/2014	sc
715	229	11/18/2014	sc

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	6/20/2011	JDE
Double Patenting Search	6/20/2011	JDE
Searched in EAST in all DBs, history attached	6/20/2011	JDE
Searched in Google Patents with keywords	6/20/2011	JDE
Inventor searched	4/18/2012	sc
WEST search attached	4/18/2012	sc
google search attached	4/18/2012	sc
Inventor searched	7/1/2013	sc
PLUS search	7/1/2013	sc
WEST search attached	7/1/2013	sc
google search attached	7/1/2013	sc
Inventor searched	11/26/2013	sc
PLUS search	11/26/2013	sc
google search attached	11/26/2013	sc

/J.E./
Examiner.Art Unit 2157

SEARCH NOTES

Search Notes	Date	Examiner
WEST search attached	11/26/2013	sc
Inventor searched	11/18/2014	sc
PLUS search	11/18/2014	sc
google search attached	11/18/2014	sc
WEST Interference search attached	11/18/2014	sc
WEST search attached	11/18/2014	sc

INTERFERENCE SEARCH

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
707	608-609,638,657,695,806,818,821-822,825	11/18/2014	sc
709	203,206	11/18/2014	sc
715	229	11/18/2014	sc

/J.E./
Examiner.Art Unit 2157

Receipt date: 11/12/2014

Form PAT-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office

Atty.
Dkt. No.

M#

12267852 - GAU: 2157

023027

0424342

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: Manzano, Michael R.

Appln. No.: 12/267,852

Filing Date: November 10, 2008

Date: November 12, 2014

Page 1 of 1

Examiner: Channavajjala,
Srirama T.

Group Art Unit: 2157

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YY YY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	US 7,325,038	01/2008	Wang		
	BR	US 7,260,646	08/2007	Stefanik et al.		
	CR					
	DR					

FOREIGN PATENT DOCUMENTS

ORIGINAL DOCUMENTS							Abstract		Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose	No
	ER									
	FR									
	GR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	HR	U.S. Office Action dated August 13, 2014 for Appln. No. 11/739,083			
	IR				
	JR				
	KR				
	LR				
	MR				
	NR				
	OR				
	PR				
	QR				

Examiner /Srirama Channavajjala/

Date Considered: 11/18/2014

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

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office

Atty.
Dkt. No.

M#

Client Ref.

023027

0424342

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Manzano, Michael R.

Appln. No.: 12/267,852

Filing Date: November 10, 2008

Date: November 12, 2014

Page 1 of 1

Examiner: Channavajjala,
Srirama T.

Group Art Unit: 2157

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YY YY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	US 7,325,038	01/2008	Wang		
	BR	US 7,260,646	08/2007	Stefanik et al.		
	CR					
	DR					

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
							Enclosed	No	Enclose	No
	ER									
	FR									
	GR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	HR	U.S. Office Action dated August 13, 2014 for Appln. No. 11/739,083			
	IR				
	JR				
	KR				
	LR				
	MR				
	NR				
	OR				
	PR				
	QR				

Examiner

Date Considered:

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

Electronic Acknowledgement Receipt

EFS ID:	20673398
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Hean Lee Koo/fabienne legrand
Filer Authorized By:	Hean Lee Koo
Attorney Docket Number:	023027-0424342
Receipt Date:	12-NOV-2014
Filing Date:	10-NOV-2008
Time Stamp:	13:13:04
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		023027-0424342InformationDisclosureStatementpdf.pdf	1392002 4db3e134f8d444517e43ce7f35741ca7a2460bbc	yes	33

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Transmittal Letter	1	1	
Information Disclosure Statement (IDS) Form (SB08)	2	2	
Non Patent Literature	3	33	

Warnings:

Information:

Total Files Size (in bytes):	1392002
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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

In re PATENT APPLICATION of:
Manzano, Michael R.

Confirmation Number: 7042

Application No.: 12/267,852

Group Art Unit: 2157

Filed: November 10, 2008

Examiner: Channavajjala, Srirama T.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

INFORMATION DISCLOSURE STATEMENT

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

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication, to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The reference was cited by the U.S. Patent Office in co-pending Application Serial Nos. 11/739,083, filed April 23, 2007, in an Office Action dated August 13, 2014.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP

/Hean L. Koo/

Hean L. Koo

Registration Number 61,214

Date: November 12, 2014
P.O. Box 10500
McLean, VA 22102
Telephone: (703) 770-7900
Facsimile: (703) 770-7901
Customer Number: 00909

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
Manzano, Michael R.

Confirmation Number: 7042

Application No.: 12/267,852

Group Art Unit: 2157

Filed: November 10, 2008

Examiner: Channavajjala, Srirama T.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED
NETWORK

REQUEST FOR REFUND

Mail Stop 16
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I. REFUND REQUEST

This is a request for a refund with respect to the charges to Deposit Account 033975 on April 23, 2014 for the above-identified application.

II. FEES CHARGED FOR WHICH REFUND REQUESTED

Amount of Refund Requested:

Extension for response within first month (small entity) in the amount of **\$100.00**

Extension for response within second month (small entity) in the amount of **\$200.00**

III. EXPLANATION OF WHY CHARGE IS IN ERROR

Applicant had already paid the required extension of time fees (on April 3, 2014 and April 10, 2014, receipt copies attached) and therefore the amounts authorized and charged on April 23, 2014 were duplicates. The first month extension of time fee was already paid on April 3, 2014 with the "Amendment and Response" and the second month extension of time fee was already paid on April 10, 2014 with the "Supplemental After Final Amendment".

IV. MANNER OF REFUND

Please make refund by crediting Account No. 033975 (Attorney Docket No. 023027-0424342).

Respectfully submitted,
PILLSBURY WINTHROP SHAW PITTMAN LLP

Date: AUGUST 5, 2014

P.O. Box 10500

McLean, VA 22102

703.770.7900

CUSTOMER NO. 00909

/Hean L. Koo/

Hean L. Koo

Reg. No. 61214

Tel. No. 703.770.7673

Fax No. 703.770.7901

Electronic Acknowledgement Receipt

EFS ID:	18669273
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	206217-1025-104
Receipt Date:	03-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	18:05:08
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	4633
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	100	100

Electronic Acknowledgement Receipt

EFS ID:	18732825
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	206217-1025-104
Receipt Date:	10-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	17:48:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$360 \$200 FOR extension
RAM confirmation Number	4572
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)	

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with \$100 paid	2252	1	200	200

Electronic Acknowledgement Receipt

EFS ID:	19776340
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Hean Lee Koo/Diane Bogusz
Filer Authorized By:	Hean Lee Koo
Attorney Docket Number:	023027-0424342
Receipt Date:	05-AUG-2014
Filing Date:	10-NOV-2008
Time Stamp:	13:18:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Refund Request	0424342REFUND_REQ.pdf	939945 ffecfb4362f9138cea42dfd949d5230227501c	no	5

Warnings:

Information:

Box & Dropbox Exhibit 1007

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

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

Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	12/267,852
Filing Date	November 10, 2008
First Named Inventor	MANZANO, Mike R.
Art Unit	2157
Examiner Name	Channavajjala, Srirama T.
Attorney Docket Number	023027-0424342

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

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

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

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

ii. ☒ Other "Supplemental After Final Amendment" as filed April 10, 2014

- b. ☐ Enclosed

i. ☐ Amendment/Reply

iii. ☐ Information Disclosure Statement (IDS)

ii. ☐ Affidavit(s)/ Declaration(s)

iv. ☐ Other _____

2. Miscellaneous

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

3. Fees

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

- a. ☒ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 03-3975.

i. ☒ RCE fee required under 37 CFR 1.17(e)

ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17)


iii. ☐ Other _____

- b. ☐ Check in the amount of \$ _____ enclosed

- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature		Date	April 21, 2014
Name (Print/Type)	Gabriel A. Haboubi	Registration No.	66201

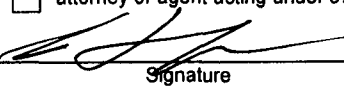
CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature	_____
Name (Print/Type)	_____
Date	_____

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, 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.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional) 023027-0424342																														
Application Number 12/267,852	Filed November 10, 2008																															
For ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACCROSS DISTRIBUTED NETWORK																																
Art Unit 2157	Examiner Channavajjala, Srirama T.																															
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th></th><th style="text-align: center;">Fee</th><th style="text-align: center;">Small Entity Fee</th><th style="text-align: center;">Micro Entity Fee</th><th></th></tr></thead><tbody><tr><td><input type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="text-align: center;">\$200</td><td style="text-align: center;">\$100</td><td style="text-align: center;">\$50</td><td>\$ _____</td></tr><tr><td><input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: center;">\$600</td><td style="text-align: center;">\$300</td><td style="text-align: center;">\$150</td><td>\$ <u>300.00</u></td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: center;">\$1,400</td><td style="text-align: center;">\$700</td><td style="text-align: center;">\$350</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: center;">\$2,200</td><td style="text-align: center;">\$1,100</td><td style="text-align: center;">\$550</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: center;">\$3,000</td><td style="text-align: center;">\$1,500</td><td style="text-align: center;">\$750</td><td>\$ _____</td></tr></tbody></table> <p style="margin-top: 10px;"><input checked="" type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input checked="" type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>03-3975</u>.</p> <p><input checked="" type="checkbox"/> Payment made via EFS-Web.</p> <p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>I am the</p> <p><input type="checkbox"/> applicant/inventor.</p> <p><input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>66201</u></p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number _____</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%;"> _____ Signature Gabriel A. Haboubi _____ Typed or printed name</div><div style="width: 45%; text-align: center;"><u>April 21, 2014</u> _____ Date <u>703.770.7765</u> _____ Telephone Number</div></div> <p>NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p> <p><input checked="" type="checkbox"/> * Total of <u>1</u> forms are submitted.</p>				Fee	Small Entity Fee	Micro Entity Fee		<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ _____	<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ <u>300.00</u>	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____
	Fee	Small Entity Fee	Micro Entity Fee																													
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ _____																												
<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ <u>300.00</u>																												
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____																												
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____																												
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____																												

This collection of information is required by 37 CFR 1.136(a). 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 6 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.

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Monique Wardrick			
Attorney Docket Number:	023027-0424342			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	Box & Dropbox Exhibit 1007 ¹⁰⁰	100

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
RCE - 2nd and Subsequent Request	2820	1	850	850
Total in USD (\$)				950

Electronic Acknowledgement Receipt

EFS ID:	18815843
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Gabriel Ayad Haboubi/Monique Wardrick
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	023027-0424342
Receipt Date:	21-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	15:43:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$950
RAM confirmation Number	1997
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		023027-0424342_RCE- With-2MosEOT.pdf	110426 1d7d985dc4cb50c8919b1cdcd1366b499f3c6f09	yes	2
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Request for Continued Examination (RCE)		1	1	
	Extension of Time		2	2	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32433 cfa2991153ea14b5c5ac2fed22ff46ef73967d87	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			142859		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Monique Wardrick			
Attorney Docket Number:	023027-0424342			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with \$100 paid	2252	1	200	200

Box & Dropbox Exhibit 1007

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

Electronic Acknowledgement Receipt

EFS ID:	18816008
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Gabriel Ayad Haboubi/Monique Wardrick
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	023027-0424342
Receipt Date:	21-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	15:49:43
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	2129
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Fee Worksheet (SB06)	fee-info.pdf	30786 33d8f3f5db590213db47c3204d96f043a9758a0f	no	2

Warnings:**Information:**

Total Files Size (in bytes):	30786
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/267,852	Filing Date 11/10/2008	<input type="checkbox"/> To be Mailed
---	---	----------------------------------	---------------------------------------

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
<input type="checkbox"/> 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 \$ =	
<input type="checkbox"/> 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).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT	04/21/2014	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	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
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))						
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
TOTAL ADD'L FEE						0	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> 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
/ROSS W. BROWN/

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.

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 08/18/2014

RBROWN1	ADJ #00000002	Mailroom Dt: 04/21/2014		
	Seq No: 1997	Sales Acctg Dt: 04/22/2014	033975	12267852
	01 FC : 2251	100.00 CR		

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 08/18/2014

RBROWN1	ADJ #00000001	Mailroom Dt: 04/21/2014		
	Seq No: 2129	Sales Acctg Dt: 04/22/2014	033975	12267852
	01 FC : 2252	200.00 CR		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
Manzano, Michael R.

Confirmation Number: 7042

Application No.: 12/267,852

Group Art Unit: 2157

Filed: November 10, 2008

Examiner: Channavajjala, Srirama T.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

SUPPLEMENTAL AFTER FINAL AMENDMENT

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

Madam Commissioner:

Further to the After Final Amendment filed April 3, 2014 in response to the Final Office Action dated December 3, 2013 (hereinafter the "Office Action"), please amend the above-identified application as follows, in which:

Amendments to the Claims begin on page 2; and

Remarks begin on page 6.



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.
12/267,852	11/10/2008	Michael R. Manzano	023027-0424342	7024

909 7590 04/17/2014
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER

CHANNAVAJALA, SRIRAMA T

ART UNIT	PAPER NUMBER
----------	--------------

2157

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

04/17/2014

ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com
heather.marthers@pillsburylaw.com

Advisory Action Before the Filing of an Appeal Brief	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	AIA (First Inventor to File) Status No

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

THE REPLY FILED 10 April 2014 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance;

(2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.

b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires _____ months from the mailing date of the prior Advisory Action or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☐ For purposes of appeal, the proposed amendment(s): (a) ☐ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.

13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____

14. ☐ Other: _____.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____
 Claim(s) objected to: _____
 Claim(s) rejected: 1-19 and 21.
 Claim(s) withdrawn from consideration: _____

/SRIRAMA CHANNAVAJJALA/
Primary Examiner, Art Unit 2157

Applicant's request for entry into AFCP 2.0 filed on 4/3/2014 is acknowledged, however, in view of the issues including in the supplemental after final amendment filed on 4/10/2014 required further consideration and search:

a) third electronic device to replace an older version of the first electronic file stored on the third electronic device with the modified first electronic file copy having the content modified by the user;

b) second electronic device to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy having the content modified by the user;
wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file, in claim 1, 11

note: the response is being reviewed under pre-pilot practice.



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.
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104	7024

909 7590 04/14/2014
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER

CHANNAVAJALA, SRIRAMA T

ART UNIT	PAPER NUMBER
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2157

NOTIFICATION DATE	DELIVERY MODE
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04/14/2014

ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com
heather.marthers@pillsburylaw.com

<i>Applicant-Initiated Interview Summary</i>	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	

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

(1) SRIRAMA CHANNAVAJJALA. (3) ____.

(2) Gabriel A. Haboubi, Reg. No. 66,201. (4) ____.

Date of Interview: 07 April 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: 1,7,11 and 21.

Identification of prior art discussed: ____.

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...)

Discussed applicant's amendment and response under 37CFR 1.116 and AFCP 2.0 filed on 4/3/2014, particularly claim 1 limitation "wherein the first electronic device is configured to receive from a second application.....second application when the user modifies the first electronic file", "wherein the first electronic device isthird application when the user modifies the second electronic file", examiner suggested cancel claim 7, 17subject matter to re-write into independent claim 1,11 along with further amending "modifies the first electronic file, second electronic file", further clarify independent claim 1,11, steps [claim 1, claim 11 are system and method respectively], cancelling claim 21. Also, discussed "double patent" rejection with respect to applicants' remarks at page 7. Applicant may consider further amend claim 1, 11, may consider filing terminal disclaimer to overcome the double patent rejection - subject to approval. No agreement reached.

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

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

/SRIRAMA CHANNAVAJJALA/ Primary Examiner, Art Unit 2157	
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Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.


A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Application Number 	Application/Control No. 12/267,852	Applicant(s)/Patent under Reexamination MANZANO, MICHAEL R.	
Document Code - DISQ		Internal Document – DO NOT MAIL	

TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 4/10/14	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:

Lawana Hixon

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
Manzano, Michael R.

Confirmation Number: 7042

Application No.: 12/267,852

Group Art Unit: 2157

Filed: November 10, 2008

Examiner: Channavajjala, Srirama T.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

SUPPLEMENTAL AFTER FINAL AMENDMENT

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

Madam Commissioner:

Further to the After Final Amendment filed April 3, 2014 in response to the Final Office Action dated December 3, 2013 (hereinafter the "Office Action"), please amend the above-identified application as follows, in which:

Amendments to the Claims begin on page 2; and

Remarks begin on page 6.

LISTING OF THE CLAIMS:

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

1. (Currently Amended) A system, comprising:

a first electronic device configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user[[:]] wherein the first electronic device is configured to:

receive from a second application executable on the second electronic device a copy of a first electronic file automatically transferred from the second application when the user modifies a content of the first electronic file; and

wherein the first electronic device is further configured to receive from a third application executable on the third electronic device a copy of a second electronic file automatically transferred from the third application when the user modifies a content of the second electronic file; and

wherein the first application is further configured to automatically transfer the modified first electronic file copy to the third electronic device to replace an older version of the first electronic file stored on the third electronic device with the modified first electronic file copy having the content modified by the user[:]; and

automatically transfer the modified second electronic file copy to the second electronic device to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy having the content modified by the user;

wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

2. (Cancelled)
3. (Previously Presented) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.
4. (Currently Amended) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device associated with the first electronic device.
5. (Currently Amended) The system of claim 4, wherein the first application is configured to store the modified first electronic file copy to the memory device associated with the first electronic device when the third electronic device is not in communication with the first electronic device.
6. (Cancelled)
7. (Cancelled)
8. (Previously Presented) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.
9. (Previously Presented) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.
10. (Previously Presented) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.
11. (Currently Amended) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the first electronic device and the second electronic device each being associated with a user, the method comprising:

receiving from the first electronic device a copy of a first electronic file modified by the user, the copy of the modified first electronic file being automatically provided to the electronic system by the first electronic device when a content of the first electronic file is modified by the user;

receiving from the second electronic device a copy of a second electronic file modified by the user, the copy of the modified second electronic file being automatically provided to the electronic system by the second electronic device when a content of the second electronic file is modified by the user;

automatically transferring the modified first electronic file copy to the second electronic device to replace an older version of the first electronic file stored on the second electronic device with the modified first electronic file copy having the content modified by the user; and

automatically transferring the modified second electronic file copy to the first electronic device to replace an older version of the second electronic file stored on the first electronic device with the modified second electronic file copy having the content modified by the user;

wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

12. (Cancelled)

13. (Previously Presented) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (Previously Presented) The method of claim 11, wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (Previously Presented) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component when the second electronic device is not in communication with the electronic system.

16. (Cancelled)

17. (Cancelled)

18. (Previously Presented) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (Previously Presented) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. (Cancelled)

21. (Cancelled)

REMARKS

By this further Amendment, claims 1, 4, 5, and 11 have been amended for clarity. Support for the instant amendments can be found throughout the as-filed specification, and as such, no new matter has been added. No additional claims are newly added. Claims 2, 6-7, 12, 16-17, and 21 are herein canceled without prejudice or disclaimer. Claim 20 was previously canceled. Accordingly, upon entry of this Amendment, claims 1, 3-5, 8-11, 13-15, and 18-19 are pending, of which claims 1 and 11 are independent. Reconsideration and allowance of the pending claims based on the foregoing amendments and the remarks below are respectfully requested.

Interview Summary

Applicant thanks the Examiner for telephonic interviews with Applicant's representative (Mr. Haboubi) under the After Final Consideration Pilot Program 2.0 on April 7, 2014 and April 8, 2014. Agreement was reached on the claim language as presented herein.

Specification

Applicant notes that U.S. Patent Application 11/739,083, incorporated by reference in paragraph [0026], remains pending, and that no amendment to the specification to update the status is needed at this time.

Double Patenting

Claims 1-19 and 21 are rejected under non-statutory obviousness type double patenting over claims 1-4, 6-12, 20, and 22-25 of co-pending U.S. Patent Application No. 11/739,083. Office Action, ¶ 9. Without acquiescing to the propriety of the rejection, and solely to advance prosecution, Applicant has filed a terminal disclaimer herewith.

Claim Amendments

With this amendment, the subject matter of claims 6 and 7 have been incorporated into claim 1, and the subject matter of claims 16 and 17 have been incorporated into claim 11. Claims 1 and 11 have been further amended for clarity, including noting that the content of the file is

modified by the user. Applicant notes that support may be found throughout the application as originally filed, including at paragraph [0055] thereof. Claims 4 and 5 have been amended for clarity to recite that the memory device is associated with the first electronic device. Support for this amendment may be found throughout the application as filed, including for example in paragraphs [0037], [0039], and [0041]. Claims 2, 12, and 21 have been canceled without prejudice or disclaimer. Applicant reserves the right to pursue subject matter as presented prior to this amendment in one or more continuation applications.

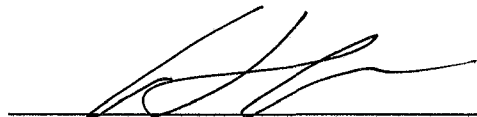
CONCLUSION

All rejections of the Office Action are eliminated by amendments presented herein. As such, it is respectfully submitted that the present application is in an immediate condition for allowance and a Notice to that effect is earnestly solicited. If any point remains in issue which the Examiner feels may be best resolved through a personal or telephone interview, please contact the undersigned at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



Gabriel A. Haboubi
Reg. No. 66,201
Tel. No. 703.770.7765
Fax No. 703.770.7901

Date: **April 10, 2014**
P.O. Box 10500
McLean, VA 22102
703.770.7900

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 2 months with \$100 paid	2252	1	200	200

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Statutory or Terminal Disclaimer	1814	1	160	160
Total in USD (\$)				360

Electronic Acknowledgement Receipt

EFS ID:	18732825
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	909
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	206217-1025-104
Receipt Date:	10-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	17:48:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 360
RAM confirmation Number	4572
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		EOT_TD_SupAmendment.pdf	429261 80ca993e8aafc96f1f88ee6ef7f36c556d71292e	yes	9
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Extension of Time		1	1	
	Terminal Disclaimer Filed		2	2	
	Supplemental Response or Supplemental Amendment		3	3	
	Claims		4	7	
	Claims		8	8	
	Applicant Arguments/Remarks Made in an Amendment		9	9	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32309 f131eac29304a14899d689fc4b26507fafa3cf3c	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			461570		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional) 023027-0424342
Application Number 12/267,852	Filed November 10, 2008	
For ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		
Art Unit 2157	Examiner Channavajjala, Srirama T.	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>	
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ _____
<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ <u>200.00</u>
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____

☒ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to
Deposit Account Number 033975.

☒ Payment made via EFS-Web.

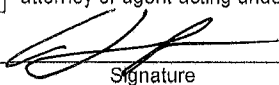
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I am the

☐ applicant.

☒ attorney or agent of record. Registration number 66,201

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____



 Signature
Gabriel A. Haboubi

 Typed or printed name

April 10, 2014

 Date
(703) 770-7900

 Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☒ * Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING
REJECTION OVER A PENDING "REFERENCE" APPLICATION**

Docket Number (Optional)

023027-0424342

In re Application of: Michael R. Manzano

Application No.: 12/267,852

Filed: November 10, 2008

For: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

The owner*, Topia Technology, Inc., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending **reference** Application Number 11/739,083, filed April 23, 2007, as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the **reference** application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said **reference** application, "as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application," in the event that: any such patent: granted on the pending **reference** application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

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

2. ☒ The undersigned is an attorney or agent of record. Reg. No. 66,201



Signature

April 10, 2014

Date

Gabriel A. Haboubi

Typed or printed name

703-770-7900

Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104

909
Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

CONFIRMATION NO. 7024
POA ACCEPTANCE LETTER



Date Mailed: 04/08/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/02/2014.

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.

/agizaw/

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
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104

16579
Foster Pepper PLLC
1111 3rd Avenue Suite 3400
Seattle, WA 98101-3299

CONFIRMATION NO. 7024 POWER OF ATTORNEY NOTICE



OC000000067620257

Date Mailed: 04/08/2014

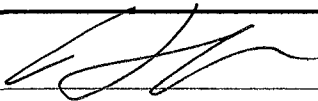
NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/02/2014.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/agizaw/

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

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0		
Practitioner Docket No.: <div style="font-size: 1.2em; font-weight: bold;">023027-0424342</div>	Application No.: <div style="font-size: 1.2em; font-weight: bold;">12/267,852</div>	Filing Date: <div style="font-size: 1.2em; font-weight: bold;">November 10, 2008</div>
First Named Inventor: <div style="font-size: 1.2em; font-weight: bold;">Channavajjala, Srirama T.</div>	Title: <div style="font-size: 1.2em; font-weight: bold;">ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK</div>	
<p>APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.</p> <ol style="list-style-type: none"> 1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (<i>e.g.</i>, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c). 2. The above-identified application contains an outstanding final rejection. 3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect. 4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection. 5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response. 6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web). 7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.] 8. By filing this certification and request, applicant acknowledges the following: <ul style="list-style-type: none"> • Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0. • The examiner will verify that the AFCP 2.0 submission is compliant, <i>i.e.</i>, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions: <ul style="list-style-type: none"> ○ The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, <i>e.g.</i>, by mailing an advisory action. ○ If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview. <ul style="list-style-type: none"> ▪ The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate. ▪ If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116. 		
Signature 	Date <div style="font-size: 1.2em; font-weight: bold;">April 3, 2014</div>	
Name (Print/Typed) <div style="font-size: 1.2em; font-weight: bold;">Gabriel A. Haboubi</div>	Practitioner Registration No. <div style="font-size: 1.2em; font-weight: bold;">66,201</div>	
<p>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, see below*.</p>		
<input checked="" type="checkbox"/> * Total of <u>1</u> forms are submitted.		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
Manzano, Michael R.

Confirmation Number: 7042

Application No.: 12/267,852

Group Art Unit: 2157

Filed: November 10, 2008

Examiner: Channavajjala, Srirama T.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

AMENDMENT AND RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.116

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

Madam Commissioner:

In response to the Final Office Action dated December 3, 2013 (hereinafter the "Office Action"), a response to which is due April 3, 2014 with the enclosed one month extension of time, please amend the above-identified application as follows, in which:

Amendments to the Claims begin on page 2; and

Remarks begin on page 7.

This response is being filed alongside a Certification and Request for Consideration Under the After Final Consideration Pilot Program 2.0.

LISTING OF THE CLAIMS:

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

1. (Currently Amended) A system, comprising:

a first electronic device configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user;

wherein the first electronic device is configured to receive from a second application executable on the second electronic device a copy of a first electronic file automatically transferred from the second application ~~subsequent to~~ when the user ~~modifying~~ modifies the first electronic file;

wherein the first electronic device is further configured to receive from a third application executable on the third electronic device a copy of a second electronic file automatically transferred from the third application ~~subsequent to~~ when the user ~~modifying~~ modifies the second electronic file; and

wherein the first application is further configured to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

2. (Previously Presented) The system of claim 1 wherein the user modifying the first electronic file or the second electronic file comprises the user creating the first electronic file or the second electronic file.

3. (Previously Presented) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.

4. (Previously Presented) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device.

5. (Currently Amended) The system of claim 4, wherein the first application is configured to store the modified first electronic file copy to the memory device ~~only if~~ when the third electronic device is not in communication with the first electronic device.

6. (Previously Presented) The system of claim 1 wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

7. (Previously Presented) The system of claim 1 wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy.

8. (Previously Presented) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.

9. (Previously Presented) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

10. (Previously Presented) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.

11. (Currently Amended) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the first electronic device and the second electronic device each being associated with a user, the method comprising:

receiving from the first electronic device a copy of a first electronic file modified by the user, the copy of the modified first electronic file being automatically provided to the electronic system by the first electronic device when modified by the user;

receiving from the second electronic device a copy of a second electronic file modified by the user, the copy of the modified second electronic file being automatically provided to the electronic system by the second electronic device when modified by the user;

automatically transferring the modified first electronic file copy to the second electronic device; and

automatically transferring the modified second electronic file copy to the first electronic device.

12. (Previously Presented) The method of claim 11 wherein the user modifying the first electronic file or the second electronic file comprises the user creating the first electronic file or the second electronic file.

13. (Previously Presented) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (Previously Presented) The method of claim 11, wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (Currently Amended) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component ~~only if~~ when the second electronic device is not in communication with the electronic system.

16. (Previously Presented) The method of claim 11 wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

17. (Previously Presented) The method of claim 11 wherein the first electronic device is configured to replace an older version of the first electronic file stored on the first electronic device with the modified copy of the first electronic file.

18. (Previously Presented) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (Previously Presented) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. (Cancelled)

21. (Currently Amended) A system, comprising:

a first electronic device configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user, and wherein the first application is configured to facilitate the user modifying a first electronic file on the second electronic device with the third electronic device, and to facilitate the user modifying a second electronic file on the third electronic device with the second electronic device;

wherein the first electronic device is configured to receive from a second application executable on the second electronic device a copy of the first electronic file automatically transferred from the second application ~~subsequent to~~ when the user ~~modifying~~ modifies the first electronic file with the second electronic device;

wherein the first electronic device is further configured to receive from a third application executable on the third electronic device a copy of the second electronic file automatically transferred from the third application ~~subsequent to~~ when the user ~~modifying~~ modifies the second electronic file with the third electronic device; and

wherein the first application is further configured to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

REMARKS

By this Amendment, claims 1, 5, 11, 15, and 21 have been amended for clarity. No additional claims are newly added. Support for the instant amendments can be found throughout the as-filed specification. No new matter has been added. Accordingly, upon entry of this Amendment, claims 1-19 and 21 are pending, wherein claims 1, 11, and 21 are independent. Reconsideration and allowance of the pending claims based on the foregoing amendments and the remarks below are respectfully requested.

Specification

The Office Action requests that the status of U.S. Patent Application 11/739,083, incorporated by reference in paragraph [0026], be updated. Office Action, ¶6. Applicant notes that this application remains pending, and that no amendment to the specification to update the status is needed at this time.

Double Patenting

Claims 1-19 and 21 are rejected under non-statutory obviousness type double patenting over claims 1-4, 6-12, 20, and 22-25 of co-pending U.S. Patent Application No. 11/739,083. Office Action, ¶ 9. Applicant notes that because allowable subject matter has yet to be indicated, the rejection should at this time be a provisional rejection. Applicant continues to respectfully request that the double patenting rejection be held in abeyance until the Office has indicated allowable subject matter in either application. At such time, Applicant will analyze the propriety of the rejection and determine whether the filing of a terminal disclaimer is appropriate.

Rejections under 35 U.S.C. §103(a)

As a preliminary matter, Applicant notes with appreciation that the Office has withdrawn the rejection under 35 U.S.C. §102(b) in light of the prior response. Although not explicitly stated in the Office Action, Applicant understands new grounds of rejection being applied. Specifically, in the Office Action, claims 1-19 and 21 stand rejected under 35 U.S.C. §103(a) as allegedly being anticipated by U.S. Patent Application Publication 2002/0087588 to McBride et al., (hereinafter “McBride”) in view of European Patent Application EP 1130511 to Multer

(hereinafter, “Multer”). Office Action, ¶¶ 11-13. Solely in an effort to expedite prosecution, and in no way acquiescing to the propriety of the alleged rejection, independent claims 1, 12, and 21 have been amended to clarify aspects of the invention. As such, the rejection is moot as to these claims, and those claims that depend from and add additional features thereto. Reconsideration and allowance of the pending claims is respectfully requested in light of the amendment, and the remarks below.

As a preliminary matter, Applicant notes that in the “Response to Arguments” section, the Office cites a portion of Applicant’s prior arguments pertaining to the failure of McBride to disclose various features of independent claim 1. The Office proceeds, as in previous Office Actions, by asserting that various portions of McBride are purportedly “identical to instant specification” (e.g., analogizing Figures 14-15 of McBride to Figure 2 of Applicant’s specification). As noted in the prior response (further to the Office Action dated July 8, 2013), the Office does not respond to Applicant’s arguments based on the *claim recitations and the specific arrangement recited therein*, but instead broadly compares portions of McBride’s *specification* to portions of Applicant’s *specification*. This comparison provides no evidence that McBride’s specification discloses that which Applicant *claims*.

Regardless, the Office admits that McBride does not disclose the recited features of “a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file,” and “a copy of a second electronic file automatically transferred from the third application subsequent to the user modifying the second electronic file” as variously recited in claims 1 and 21. The Office attempts to utilize Multer to repair the admitted deficiency of McBride. In particular, the Office alleges that Multer discloses “a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file,” pointing to Pg. 5, ¶¶ [0030-0031], for purported support, and “a copy of a second electronic file automatically transferred from the third application subsequent to the user modifying the second electronic file,” pointing Pg. 5, ¶¶ [0033-0034], Pg. 8, ¶ [0055], and Figures 3-5, for purported support.

Multer discloses a data transfer and file synchronization system that utilizes a common data store that syncs to each of a plurality of systems by updating “difference information.” As described in the cited paragraphs of [0030-0031], for example, a differencing transmitter on System A will extract differences in a file known to exist on System B, and any new files, and

transmit only those differences to a differencing receiver 102 on System B which will reconstruct the differences on System B to synchronize System B with System A. In the different embodiments of [0033] and [0034], for example, the common storage server is utilized for either one way or two way synchronization. Despite these disclosures, Applicant notes that nothing in the combination of McBride and Multer discloses the transfers as specifically recited by the system as configured.

Solely for clarity, Applicant has amended claims 1 and 21 to recite that the first electronic device is receiving each of the first electronic file (from the second electronic device) and the second electronic file (from the third electronic device) “*automatically... when the user modifies* the ... electronic file.” Similarly, claim 11 has been amended to recite “the copy of the modified ... electronic file being automatically provided to the electronic system by the ... electronic device *when modified by the user.*” Applicant respectfully submits that nothing in Multer discloses such automatic receipt of such files when the user modifies the files. Instead, as described in Multer, “the differentiating synchronizer 104 will extract changes made to the contact information on either System A or System B and *at predetermined times*, transmit the information Δ between the systems, and reconstruct the data on the receiving system to update the information from the sending system, in order to ensure that both systems contain the same data.” Multer, ¶[0031] (emphasis added). Besides for such periodic synchronization, Multer appears to disclose synchronizing based on synchronization of another device, synchronization when logging into or out of a web-portal, or manually upon press of a “sync” button, none of which constitute automatic transfer of a file *when a user modifies the file*.

The Response to arguments section continues, by asserting that it would have been “obvious to one of ordinary skill at the time of applicant’s invention to incorporate data transfer and synchronization system of Multer into automatically synchronizing data from host computer to two or more data storage locations of McBride et al., because both McBride, Multer are directed to synchronizing multiple devices particularly data synchronization in a network environment, both McBride, Multer also supports portable devices connected in network and they both are from the same field of endeavor.” Office Action, Pg. 8 (internal citations omitted). Applicant respectfully submits that the mere fact that both McBride and Multer discuss data synchronization does not establish a *prima facie* case of obviousness, or that it would have been obvious to combine the applied art. Where the Office further asserts that it would have been

obvious to “substitute and/or modify one method for the other to achieve the predictable result of not only extracting the files, automatically finding the difference of the data files, but also synchronizing accordingly i.e. updating the data files, while resolving conflicts between data which has changed on for example on both System A and system B [Multer; page 5, 0034-0035],” the Office’s citation to Multer provides no support that the stated result would actually result from the combination, or that such a result is predictable (and itself just describes one embodiment of Multer).

Absent a reasoned analysis and evidentiary support, the Office has failed to provide a *prima facie* case of obviousness. In order to support combining McBride with Multer, “there must be some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness.” KSR Int’l. Co. v. Teleflex Inc., 550 U.S. 398, 418 (2007) (quoting In re Kahn, 441 F.3d 977, 988 (Fed. Cir. 2006)). See also Innogenetics, N.V. v. Abbott Labs., 512 F.3d 1363, 1374 n.3 (Fed. Cir. 2008) (“We must still be careful not to allow hindsight reconstruction of references to reach the claimed invention without any explanation as to how or why the references would be combined to produce the claimed invention”). Specifically, the Office Action’s rationale for combining McBride and Multer is conclusory, and is deficient in evidentiary support. “[R]ejections on obviousness grounds cannot be sustained by mere conclusory statements; instead, there must be some articulated reasoning with some rational underpinning to support the legal conclusion of obviousness” KSR, 550 U.S. at 418 (quoting In re Kahn, 441 F.3d at 988). Therefore, for at least these additional reasons, the rejections of claims 1, 11, and 21 are further improper, and must be withdrawn.

With regard to claim 21, the Response to Arguments section of the Office Action continues at Pg. 9 by asserting that the purported disclosure in McBride and Multer of synchronization of data files in a network environment (citing Figures 14-15 of McBride, and Figures 5-8 of Multer), and the purported disclosure of application objects in Multer (citing the Abstract of Multer), allegedly teaches the recitation that “the first electronic file is modified with the second electronic device, and the second electronic file is modified with the third electronic device.” Applicant respectfully submits that nothing in the combination of McBride and Multer disclose, teach, or suggest the specific arrangement where the particular electronic devices modify the particular electronic files as recited in claim 21. As the Board of Patent Appeal and Interferences confirmed in light of KSR, a proper obviousness determination requires that an

Examiner make “a searching comparison of the claimed invention – *including all its limitations* – with the teaching of the prior art.” See In re Wada and Murphy, Appeal 2007-3733, *citing In re Ochiai*, 71 F.3d 1565, 1572 (Fed. Cir. 1995) (emphasis in original). Accordingly, for at least this reason, the rejection of claim 21 is further improper.

Claims 2-10 and 12-19 each ultimately depend from and add features to one of claims 1 and 11. Therefore, the rejection thereof is also improper, both for their dependency, as well as for the features they further recite.

The Office repeats the analysis of claims 1, 11, and 21 from the Response to Arguments section in the formal rejection under 35 U.S.C. §103 (Office Action, Pg. 10 et seq.), before providing additional analysis of the dependent claims. Although the rejections of the dependent claims are improper at least because of their dependency, Applicant makes further note of dependent claims 5 and 15, as currently amended for clarity, which themselves depend from dependent claims 4 and 14 respectively (reciting the first application being configured to store the modified first electronic file copy to a memory device). Claims 5 and 15 further recite that “the first application is configured to store the modified first electronic file copy to the memory device *when the third electronic device is not in communication with the first electronic device*” (emphasis added). The Office asserts that paragraph [0072] of McBride discloses only storing the modified electronic file to the memory if the third electronic device is not in communication with the third electronic device (specifically at step 222 thereof), but nothing in McBride shows such an arrangement. Instead, McBride discloses user control of providing *a warning* when the backup location is not available. Nothing in providing such a warning has anything to do with storing the electronic file copy to a memory device when the third electronic device, as further recited is *not* in communication with the first electronic device. Multer does not repair this deficiency of McBride. Accordingly, for at least this additional reason, claims 5 and 15 are allowable over the combination of McBride and Multer.

CONCLUSION

All rejections having been addressed, it is respectfully submitted that the present application is in an immediate condition for allowance and a Notice to that effect is earnestly solicited. If any point remains in issue which the Examiner feels may be best resolved through a personal or telephone interview, please contact the undersigned at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



Gabriel A. Haboubi
Reg. No. 66,201
Tel. No. 703.770.7765
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Date: **April 3, 2014**
P.O. Box 10500
McLean, VA 22102
703.770.7900

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	Box & Dropbox Exhibit 1007 ¹⁰⁰	100

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

Electronic Acknowledgement Receipt

EFS ID:	18669273
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	206217-1025-104
Receipt Date:	03-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	18:05:08
Application Type:	Utility under 35 USC 111(a)

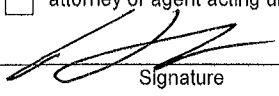
Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 100
RAM confirmation Number	4633
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		EOT_AFAmendment.pdf	707782 6fa7e5c5466c0a6f452369a01a56860c469af992	yes	14
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Extension of Time		1	1	
	After Final Consideration Program Request		2	2	
	Response After Final Action		3	3	
	Claims		4	8	
	Applicant Arguments/Remarks Made in an Amendment		9	14	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30591 45205548ccc7a64c97dde56a284ffa41584adcd5	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			738373		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional) 023027-0424342																														
Application Number 12/267,852	Filed November 10, 2008																															
For ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK																																
Art Unit 2157	Examiner Channavajjala, Srirama T.																															
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th></th><th style="text-align: center;">Fee</th><th style="text-align: center;">Small Entity Fee</th><th style="text-align: center;">Micro Entity Fee</th><th></th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="text-align: center;">\$200</td><td style="text-align: center;">\$100</td><td style="text-align: center;">\$50</td><td style="text-align: right;">\$ <u>100.00</u></td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: center;">\$600</td><td style="text-align: center;">\$300</td><td style="text-align: center;">\$150</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: center;">\$1,400</td><td style="text-align: center;">\$700</td><td style="text-align: center;">\$350</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: center;">\$2,200</td><td style="text-align: center;">\$1,100</td><td style="text-align: center;">\$550</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: center;">\$3,000</td><td style="text-align: center;">\$1,500</td><td style="text-align: center;">\$750</td><td style="text-align: right;">\$ _____</td></tr></tbody></table> <p style="margin-top: 10px;"><input checked="" type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input checked="" type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>033975</u>.</p> <p><input checked="" type="checkbox"/> Payment made via EFS-Web.</p> <p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>I am the</p> <p><input type="checkbox"/> applicant/inventor.</p> <p><input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>66,201</u>.</p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number _____.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%; text-align: center;"> _____ Signature Gabriel A. Haboubi _____ Typed or printed name</div><div style="width: 45%; text-align: center;">April 3, 2014 _____ Date 703-770-7900 _____ Telephone Number</div></div> <p>NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p> <p><input checked="" type="checkbox"/> * Total of <u>1</u> forms are submitted.</p>				Fee	Small Entity Fee	Micro Entity Fee		<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ <u>100.00</u>	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____
	Fee	Small Entity Fee	Micro Entity Fee																													
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ <u>100.00</u>																												
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____																												
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____																												
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____																												
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____																												

This collection of information is required by 37 CFR 1.136(a). 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 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/267,852		Filing Date 11/10/2008		<input type="checkbox"/> To be Mailed				
ENTITY: <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MICRO													
APPLICATION AS FILED – PART I													
(Column 1)			(Column 2)										
FOR		NUMBER FILED		NUMBER EXTRA		RATE (\$)		FEE (\$)					
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A		N/A		N/A							
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A		N/A		N/A							
<input type="checkbox"/> 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 \$ =							
<input type="checkbox"/> 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).											
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))													
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL							
APPLICATION AS AMENDED – PART II													
(Column 1)			(Column 2)			(Column 3)							
AMENDMENT	04/03/2014		CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	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	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))												
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
										TOTAL ADD'L FEE		0	
(Column 1)			(Column 2)			(Column 3)							
AMENDMENT			CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))		*		Minus	**		=		X \$ =			
	Independent (37 CFR 1.16(h))		*		Minus	***		=		X \$ =			
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))												
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))												
										TOTAL ADD'L FEE			
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>													

LIE
/PAMELA YOUNG/

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.

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:

00909

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:

00909

OR

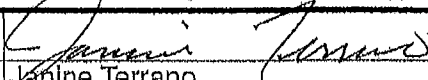
<input type="checkbox"/>	Firm or Individual Name			
	Address			
	City	State	Zip	
	Country			
	Telephone	Email		

Assignee Name and Address: **TOPIA TECHNOLOGY**
1119 Pacific Avenue, Suite 200
Tacoma, WA 98402

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/98 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	1/15/13
Name	Janine Terrano	Telephone	253-572-9712
Title	President, CEO		

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 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: TOPIA TECHNOLOGY
Application No./Patent No.: 12267852 Filed/Issue Date: 2008-11-10
Titled: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
TOPIA TECHNOLOGY, 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 022188, Frame 0579, 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.

Signature

Gabriel A. Haboubi

Printed or Typed Name

1 April 2014

Date

66201

Title or Registration Number

Electronic Acknowledgement Receipt

EFS ID:	18658276
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	Gabriel Ayad Haboubi/Dexter Forbes
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	206217-1025-104
Receipt Date:	02-APR-2014
Filing Date:	10-NOV-2008
Time Stamp:	22:23:18
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	POA.PDF	82919 0c645d12aed07de013886587b6fcbe2a41c05dbc	no	1

Warnings:

Information:

Box & Dropbox Exhibit 1007

2	Assignee showing of ownership per 37 CFR 3.73.	373c.PDF	113948 c37a9d72468a6b237cd5f83270c73f38a42eca4	no	2
Warnings:					
Information:					
Total Files Size (in bytes):				196867	
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					



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.
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104	7024
16579	7590	12/03/2013		
Foster Pepper PLLC 1111 3rd Avenue Suite 3400 Seattle, WA 98101-3299			EXAMINER CHANNAVAJALA, SRIRAMA T	
			ART UNIT 2157	PAPER NUMBER
			NOTIFICATION DATE 12/03/2013	DELIVERY MODE ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@foster.com

Office Action Summary	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	AIA (First Inventor to File) Status No

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

Period for Reply

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

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

Status

- 1) ☒ Responsive to communication(s) filed on 11/8/2013.
☐ 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) 1-19 and 21 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) 1-19 and 21 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

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

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 11/10/2008 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) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 3) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____. | 4) <input type="checkbox"/> Other: ____. |

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

DETAILED ACTION

Response to Amendment

1. Examiner acknowledges applicant response filed on 11/8/2013.
2. Examiner acknowledges applicant response filed on 12/28/2011.
3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed 1/19/2007 in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/26/2012 is entered

Drawings

4. The Drawings filed on 11/10/2008 are acceptable for examination purpose.

Priority

5. Applicant's claim for domestic priority under 35 U.S.C. 119(e) is acknowledged based on the provisional application 60/986,896 filed on 11/9/2007.

Specification

6. At page 7, para 0026, US application 11/739,083 is incorporated by reference, applicant is hereby required to update the status of this application in response to this office action.

7. Applicant has incorporated by reference US applications as amendments to the specification filed on 3/29/2010. Examiner notes that incorporation by reference of an application in a printed United States patent constitutes a special circumstance under 35 U.S.C. § 122 warranting that access of the original disclosure of the application be granted. The incorporation by reference will be interpreted as a waiver of confidentiality of only the original disclosure as filed, and not the entire application file, *In re Gallo*, 231 USPQ 496 (Comm'r Pat. 1986). If Applicant objects to access to the entire application file, two copies of the information incorporated by reference must be submitted along with the objection. Failure to provide the material within the period provided will result in the entire application (including prosecution) being made available to petitioner. The Office will not attempt to separate the noted materials from the remainder of the application. Compare *In re Marsh Engineering Co.*, 1913 C.D. 183 (Comm'r Pat. 1913).

Double Patenting

8. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or

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would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

9. Claims 1-19,21 [as filed on 11/8/2013] are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-4,6-12,20,22-25 of co-pending US Application No. 11/739,083 [1/24/2013]. Although the conflicting claims are not identical, they are not patentably distinct from each other because the only difference in scope of the independent claims that of the different “configured to initiate sharing of the file with the recipient client, said initiate sharing including designating the recipient client; and transmit a first portion of a plurality of portions of the file to the recipient client before the server has received an entirety of the

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file.....” in claim 1, 20, in the co-pending application No. 11/739,083, while “”second applicationtransfer a copy of the modified first electronic filedevice;subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of theelectronic device in claim 1, 11,21 of the instant application”, is an obvious variation in the instant invention.

Response to Arguments

10. Applicant's arguments at page 7-11 with respect to claims 1-19,21 filed 11/8/2013 have been fully considered but they are not persuasive, for examiner's response, see discussion below:

a) At page 7, regarding "double patent" rejection, Examiner acknowledges applicant's remarks, however, examiner maintains double patent rejection as detailed above, further applicant may file "terminal disclaimer" to overcome the double patent rejection, subject to approval.

b) At page 8-10, claim 1,11,21, applicant argues the following:

McBride does not anticipate claim 1 as amended. Specifically, nothing in McBride discloses, teaches, or suggests that the system housing the mirroring application being on "a first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user."

Additionally, nothing in McBride is configured to "receive from a second application executable on the second electronic device a copy of a first electronic file automaticall~ transferred from the second application subsequent to the user modifying the first electronic file" and "receive from a third application executable on the third electronic device a copy of a second electronic file automaticallF transferred from the third application subsequent to the user modifying the second electronic file" as also recited in claim 1. Further, McBride fails to disclose, teach, or suggest the first application being further configured to "automaticallF transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file eopF to the second electronic device." Nothing in McBride discloses the arrangement between the first electronic device, the second electronic device, and the third electronic device to facilitate such automatic transfers of the first and second electronic file copies by the first application, as recited. Accordingly, because McBride does not disclose, teach, or suggest the recitations as arranged in claim 1, McBride does not anticipate claim 1

As to the above argument [b], the prior art of McBride is directed to automatically synchronizing data from multiple devices, particularly handheld devices connected in a network environment [Abstract, fig 14-15];prior art of McBride also directed to electronic

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data files storage and backup data storage locations [Abstract] in a computer network environment [fig 14-15] *is identical to instant specification drawing fig 2*; prior art of McBride specifically teaches user devices such as personal digital assistant, personal computer with a web based application connected in a communication network environment [fig 14-15, page 7, 0099page 8, 0101-0105] is identical to the instant specification drawing fig 2 particularly user device, 210, computer system 260 connected to a network [element 220]. It is noted that McBride specifically teaches automatically transfer and/or copy data and/or files between devices in a network environment [McBride: page 10, 0127, 0129, page 12, 0143], is identical to instant specification page 11, 0035-0036; prior art of McBride strongly supports computer operating system for personal computer PC employing windows 95 or windows NT operating system supports not only software application programs, but also managing document files and like [McBride: page 3, 0039,page 4, 0048-0049], further it is also noted that McBride supports user interface with menu options that including edit for example as detailed fig 28, element 587, page 12, 0150] corresponds to updating and/or modifying file data with respect to storage location.

It is however, noted that McBride does not disclose “a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file”; “a copy of a second electronic file, automatically transferred from the third application, subsequent to the user modifying the second electronic file”, although McBride strongly teaches synchronization operation among multiple electronic devices in a network environment supporting respective applications

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for example as detailed in fig 18-19, further automatically transfer of data including backup, data/files/updates [page 9, 0119]. On the other hand, Multer disclosed “a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file”[page 5, 0030-0031], Multer specifically teaches synchronization between system A and system B particularly extracting and updating file information; “a copy of a second electronic file, automatically transferred from the third application, subsequent to the user modifying the second electronic file”[page 5, 0033-0034, page 8, 0055, fig 3-5].

It would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to incorporate data transfer and synchronization system of Multer into automatically synchronizing data from host computer to two or more data storage locations of McBride et al., because both McBride, Multer are directed to synchronizing multiple devices particularly data synchronization in a network environment [McBride: Abstract, page 2, 0015, fig 14-15; Multer: Abstract, page 5, 0029-0030], both McBride, Multer also supports portable devices connected in network [McBride: fig 14-15; Multer: fig 6-8] and they both are from the same field of endeavor. Because both McBride, Multer supports synchronizing of data files from multiple portable devices, it would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to substitute and/or modify one method for the other to achieve the predictable result of not only extracting the files, automatically finding the difference of the data files but also synchronizing accordingly i.e, updating the data files, while resolving conflicts between

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data which has changed on for example on both System A and system B [Multer: page 5, 0034-0035], thus improving overall quality and reliability of the system.

c) At page 10, claim 21, applicant argues prior art of McBride does not disclose “the first electronic file is modified with the second electronic device, and the second electronic file is modified with the third electronic device”.....

As to the above argument [c], as best understood by the examiner, both McBride, Multer supports synchronizing data files, particularly handheld devices connected in a network environment [McBride: fig 14-15; Multer: fig 5-8], further prior art of Multer strongly supports application objects, including types of application and updating the data on the second system with difference information for example first file and a second file resident on a first and second system [page 1, Abstract].

Examiner applies above arguments to claim 11, 21, also claims 2-10, 12-19 depend from claim 1, 11, 21.

Claim Rejections - 35 USC § 103

The following is a quotation of 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.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

11. ***Claims 1-19,21 are rejected under 35 U.S.C. 103(a) as being unpatentable over McBride et al. [hereafter McBride], US. Pub. No. 2002/0087588, published Jly 2002, Multer,David [hereafter Multer], EP 1130511 Published on 2001 .***

12. With respect to claim 1,21, McBride discloses a system, comprising: a first electronic device configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user” [fig 1, fig 14, 0015, 0103, McBride teaches a host computer running a mirroring applications, further electronic devices connected in a network environment as detailed in fig 14-15;

wherein the first electronic device is configured to receive from a second application executable on the second electronic device” [0015-0016, fig 14-15 first electronic device and second electronic device corresponds to fig 15, element 332 or 330 or 336 or 338]; it is noted that McBride suggests the mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], McBride supports a mirroring agent application running at each node periodically checks' predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.); and

“wherein the first electronic device is further configured to receive from a third application executable on a third electronic device”, ([0015-0016, 0022], Additionally, the mirroring application, upon detecting changes to the source data, also copies the source data to a local backup data storage location);

wherein the first application is further configured to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device ([0015-0016, page 10, 0125], copies the source data to a backup data storage location and also copies the source data to a local backup data storage location).

13. Further claim 21, Multer disclosed “first electronic file is modified with the second electronic device [page 1, Abstract, page 5, 0030-0031]; “the second electronic file is modified with the third electronic device” [page 1, Abstract, page 11, 0076,0079].

It is however, noted that McBride does not disclose “a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file”; “a copy of a second electronic file, automatically transferred from the third application, subsequent to the user modifying the second electronic file”, although McBride strongly teaches synchronization operation among multiple electronic devices in a network environment supporting respective applications for example as detailed in fig 18-19, further automatically transfer of data including backup, data/files/updates [page 9, 0119]. On the other hand, Multer disclosed “a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file”[page 5, 0030-0031], Multer specifically teaches synchronization between system A and system B particularly extracting and updating file information; “a copy of a second electronic file, automatically transferred from the third application, subsequent to the user modifying the second electronic file”[page 5, 0033-0034,page 8, 0055, fig 3-5].

It would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to incorporate data transfer and synchronization system of Multer into automatically synchronizing data from host computer to two or more data storage locations of McBride et al., because both McBride, Multer are directed to synchronizing multiple devices particularly data syncnorization in a network environment [McBride:

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Abstract, page 2, 0015, fig 14-15; Multer: Abstract, page 5, 0029-0030], both McBride, Multer also supports portable devices connected in network [McBride: fig 14-15; Multer: fig 6-8] and they both are from the same field of endeavor. Because both McBride, Multer supports synchronizing of data files from multiple portable devices, it would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to substitute and/or modify one method for the other to achieve the predictable result of not only extracting the files, automatically finding the difference of the data files but also synchronizing accordingly i.e, updating the data files, while resolving conflicts between data which has changed on for example on both System A and system B [Multer: page 5, 0034-0035], thus improving overall quality and reliability of the system

14. Claim 11 recites similar limitations as claim 1 and is rejected under similar rationale.

15. With respect to claim 2, 12, McBride discloses wherein the user modifying the first electronic file or the second electronic file comprises the user creating the first electronic file or the second electronic file ([0125], when a data file (511) is created, it is automatically backed up to one or more backup data storage locations. Additionally, when any changes or alterations are made to any of the data files (511), those changes are also automatically mirrored to the backup copies of the files at the backup data storage locations).

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16. Claim 12 recites similar limitations as claim 2 and is rejected under similar rationale.

17. With respect to claim 3, 13, McBride discloses wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects ([0098]-[0099]; regarding each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe. Under the principles of the present invention, a "node" may be an electronic device with the capacity to store and use electronic data. For example, a node may be a computer such as a personal computer, a mobile telephone).

18. Claim 13 recites similar limitations as claim 3 and is rejected under similar rationale.

19. With respect to claim 4, 14, McBride discloses wherein the first application is configured to store the modified first electronic file copy to a memory device ([0015], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0016] The local backup data storage location may be a removable storage media in a removable storage media drive. Alternatively, the local backup data storage location may be a hard drive in the host computer or in a computer networked to the host computer).

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20. Claim 14 recites similar limitations as claim 4 and is rejected under similar rationale.

21. With respect to claim 5, 15, McBride discloses wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device ([0072] At step (222), the user can control whether the mirror application provides a warning if the designated data backup location is unavailable, for example, the designated mirror disk is not inserted in the appropriate drive. This can be done by checking or unchecking box (413) in FIG. 13).

22. Claim 15 recites similar limitations as claim 5 and is rejected under similar rationale.

23. With respect to claim 6, 16, McBride discloses wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file ([0155], mirror the source files and folders every time a file is saved to a designated source folder).

24. Claim 16 recites similar limitations as claim 6 and is rejected under similar rationale.

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25. With respect to claim 7, McBride discloses wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy ([0070] At step (220), the user can turn on or off the mirroring of revisions to the files in the source folder. This is done using the "Revisions" radio buttons (411) in FIG. 13. If the "Revisions" feature of the application is activated, each time a data file is mirrored to the backup data storage location, a new numbered version of the file will be stored at the backup data storage location. If the "Revisions" feature is not activated, the mirror application of the present invention will overwrite the previous corresponding backup file in the backup data storage location each time the source file is mirrored).

26. Claim 17 recites similar limitations as claim 7 and is rejected under similar rationale.

27. With respect to claim 8, 18, McBride discloses wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device ([0098]-[0099]; each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe Also, see [0015], a host computer running a mirroring application).

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28. Claim 18 recites similar limitations as claim 8 and is rejected under similar rationale.

29. With respect to claim 9, 19, McBride discloses wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object ([0015], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

30. Claim 19 recites similar limitations as claim 9 and is rejected under similar rationale.

31. Claim 20 (cancelled)

32. With respect to claim 10, McBride discloses wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device ([0015-0016], The mirroring application monitors the source data

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for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

Conclusion

The prior art made of record

- a. US Pub. No. 2002/0087588
- b. EP1130511

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Examiner's Note: Examiner has cited particular columns and line numbers in the references applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

SEE MPEP 2141.02 [R-5] VI. PRIOR ART MUST BE CONSIDERED IN ITS ENTIRETY, INCLUDING DISCLOSURES THAT TEACH AWAY FROM THE CLAIMS: A prior art reference must be considered in its entirety, i.e., as a whole, including portions that would lead away from the claimed invention. W.L. Gore & Associates, Inc. v. Garlock, Inc., 721 F.2d 1540, 220 USPQ 303 (Fed. Cir. 1983), cert. denied, 469 U.S. 851 (1984) In re Fulton, 391 F.3d 1195, 1201, 73 USPQ2d 1141, 1146 (Fed. Cir. 2004). >See also MPEP §2123.

In the case of amending the Claimed invention, Applicant is respectfully requested to indicate the portion(s) of the specification which dictate(s) the structure relied on for proper interpretation and also to verify and ascertain the metes and bounds of the claimed invention.

The prior art made of record, listed on form PTO-892, and not relied upon, if any, is considered pertinent to applicant's disclosure.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ajay Bhatia, can be reached on (571) 272- 3906. The fax phone numbers for the organization where the 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)

/Srirama Channavajjala/
Primary Examiner, Art Unit 2157.

Notice of References Cited	Application/Control No. 12/267,852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0087588	07-2002	McBride et al.	707/204
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	EP 1130511	09-2001	European	Multer, David L	
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

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

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

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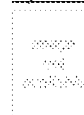
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Client driven synchronization of file and folder content in web ...www.google.com/patents/EP1422901A1?cl=en

App. - Filed Nov 22, 2002 - Published May 26, 2004 - Laszlo Kovacs - Sun Microsystems, Inc.

To facilitate the determination of which **files** and **folders** have been modified, ... The client device types may range from **mobile phones**, PDAs ...[Overview](#) - [Related](#) - [Discuss](#)**Folder Synchronization**www.google.com/patents/EP1422902A2?cl=en

App. - Filed Nov 5, 2003 - Published May 26, 2004 - Baldurci Juan V Esteve - Microsoft Corporation

A method of **synchronizing folders** between a **mobile device** and a ... application programs 18 and 30 are **file** system applications, such as ...[Overview](#) - [Related](#) - [Discuss](#)**Systems and methods for device-agnostic wireless synchronization**www.google.com/patents/WO2012106981A1?cl=en

App. - Filed Jan 18, 2012 - Published Aug 16, 2012 - Jon Lech JOHANSEN - Doubletwist Corporation

A method of **synchronizing** content between a **mobile device** and a computer, ... (D) the **mobile device synchronizing** the client media **file** with the uploaded ... [0061] The GET /fs/list command returns a list of **folders** and **files**[Overview](#) - [Related](#) - [Discuss](#)**Remote access from mobile devices**www.google.com/patents/WO2013063162A2?cl=en

App. - Filed Oct 24, 2012 - Published May 2, 2013 - Rui ZHU - Microsoft Corporation

synchronizing a remote **file** on the remote computer device with a ... **folders** or **files** to an external disk or laptop by using a **mobile device** to go ...[Overview](#) - [Related](#) - [Discuss](#)**Subsidized mobile device usage**www.google.com/patents/EP2224665B1?cl=en

Grant - Filed Feb 27, 2009 - Issued Jun 29, 2011 - Sorel Bosan - Research In Motion Limited

A mobile **wireless device** (102) comprising: ... wireless server 205, dispatcher 226 may **synchronize** access to the ... Browse agent 327 provides a capability to browse **folders** within mobile **wireless device** 310 to select **files** ...[Overview](#) - [Related](#) - [Discuss](#)**Media system having synchronization with preemptive prioritization ...**www.google.com/patents/EP1939764A3?cl=en

App. - Filed Dec 7, 2007 - Published Jul 30, 2008 - Dan Cardamore - QNX Software Systems GmbH & Co. KG

The determined **folder synchronization** order may be preempted by a ... includes media **devices** having media **files** arranged in **folders** and a ...[Overview](#) - [Related](#) - [Discuss](#)**A method and system for email and pim synchronization and updating**www.google.com/patents/EP1976234A1?cl=en

App. - Filed Mar 19, 2008 - Published Oct 1, 2008 - Levi Moshe - Emoze Ltd.

Synchronize and Push from the supported **mobile devices** is done as ... for instructions used to request **folders** and **files**, constructed according ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for data synchronization over a network**www.google.com/patents/WO2013071428A1?cl=en

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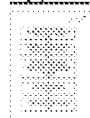


copy synch multiple handheld devices applications



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Any time ~ Any Patent Office ~ Any filing status ~ Utility ~ Sorted by relevance ~ Clear

Did you mean: copy **sync** multiple handheld devices applicationsApplication programming interfaces for synchronizationwww.google.com/patents/US8553038

Grant - Filed Jan 14, 2011 - Issued Oct 8, 2013 - Andrew Platzer - Apple Inc.

In an environment with a device having a display with **multiple** views and ... a **multi** touch device, a **multi** touch **portable device**, a wireless device, and a instructions to **transfer** a first **synchronization** call associated with a first ...

Overview - Related - Discuss

Synchronization system for entities maintained by multiple ...www.google.com/patents/US8527995

Grant - Filed Feb 27, 2008 - Issued Sep 3, 2013 - Ohukwunike I. J. Onianwa - Microsoft Corporation

A computing **device** implementing a **synchronization** system to ... Each business **application** may maintain its own **copy** of the data for an entity and may personal **computers**, server **computers**, **hand-held** or laptop **devices**, ...

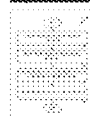
Overview - Related - Discuss

Run-time engine implemented on a computing device allowing ...www.google.com/patents/US8429303

Grant - Filed May 5, 2010 - Issued Apr 23, 2013 - Joseph R. Nardone - Telecommunication Systems, Inc.

executing, on said **handheld** computer, a first **application** to execute a **sync** processes 104 and 114 facilitate the **transfer** of a variety of data ...

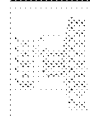
Overview - Related - Discuss

Synchronizing presentation states between multiple applicationswww.google.com/patents/US8473571

Grant - Filed Jan 8, 2009 - Issued Jun 25, 2013 - Nathan Robert Penner - Microsoft Corporation

A presentation state is received from the presenting **application**. ... to **synchronize** a presentation state between a presenting **application** This is particularly true if the remote attendees merely have a paper **copy** of the slides. ... with other computer system configurations, including **hand-held devices**, ...

Overview - Related - Discuss

Computing device application frameworkwww.google.com/patents/US8533723

Grant - Filed Feb 18, 2010 - Issued Sep 10, 2013 - Jon Edward Badenell - The Weather Channel, Llc

Systems and methods of providing a computing **device application** framework. ... developers had access to a consistent, **multi-platform**, **multi**-language interface ... limited to, personal **computers**, server **computers**, **hand-held** or laptop **devices**, ... here to illustrate that, at a minimum, they are different **copies**.

Overview - Related - Discuss

Multitrack recording using multiple digital electronic deviceswww.google.com/patents/US8264934

Grant - Filed Mar 16, 2007 - Issued Sep 11, 2012 - Nigel Waites - Bby Solutions, Inc.

Application number, US 11/724,749 ... b) establishing another **handheld** digital electronic **device** to be a master; Consequently, it is convenient to record the **multiple** tracks onto a single **device** that guarantees **synchronization** by and apparatus for reducing noise using a plurality of recording **copies**.

Overview - Related - Discuss

Data exchange between a handheld device and another computer ...www.google.com/patents/US8452836

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copy synch multiple handheld devices applications



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Any time ~ Any Patent Office ~ Any filing status ~ Utility ~ Sorted by relevance ~ Clear

Bidirectional synchronization with CRM applicationswww.google.com/patents/US8533258

Grant - Filed Oct 20, 2010 - Issued Sep 10, 2013 - Wayne Parker, III -

Microsoft Corporation

The computing device of claim 11, wherein the **synchronization** process is ... and preventing at least one **duplicate** item from being created on the CRM application with other computer system configurations, including **hand-held devices**, and emails) may be marked for **synchronization** in **several** ways.

Overview - Related - Discuss

Management of mobile applicationswww.google.com/patents/US8359016

Grant - Filed Nov 19, 2010 - Issued Jan 22, 2013 - Jesse Wagner

Lindeman - Mobile Iron, Inc.

In particular implementations, a mobile device management system allows ... enterprises increasingly rely on **mobile** and **handheld devices**. ... on the device management server, which can **synchronize** a device object ... spanning **multiple** computer systems or **multiple** datacenters, where appropriate.

Overview - Related - Discuss

Apparatus, systems and methods to synchronize communication of ...www.google.com/patents/US8332888

Grant - Filed Aug 9, 2007 - Issued Dec 11, 2012 - Thomas S. Taylor -

Echostar Technologies L.L.C.

communicating, via a communicating device, an audio/video portion of a assistants (**PDA's**), laptop computers, handheld personal computers (HPC's), and the like. ... program 210 by wholly, or partially, **copying** or reproducing program ... Formatter 304 generates the encoded **multiple programs** 212, 214.

Overview - Related - Discuss

Method, circuit, system and application for providing messaging ...www.google.com/patents/US8494490

Grant - Filed May 11, 2010 - Issued Jul 23, 2013 - Max Eitan Bluvband -

Silent Communicatin Ltd.

The methods, circuits, **systems** and **applications** may provide for download, ... The method according to claim 11, wherein a **synchronization** process already been transferred/copied to, and stored on, a user's remote **device**). allow a user to edit and listen to the new outgoing message **multiple** times, ...

Overview - Related - Discuss

Communication between integrated device and mobile application ...www.google.com/patents/US8352949

Grant - Filed Dec 30, 2009 - Issued Jan 8, 2013 - Uwe Kunath - Sap Ag

generating, using a mobile **application** client implemented by non-managed ... of the **multiple** peripheral **devices** to the mobile **application** on an **application** side. with smartphones that **synchronize** with the company's computer system. **Portable** digital **devices** make use of mobile peripheral **devices** to ...

Overview - Related - Discuss

System and method of presenting entities of standard applications ...www.google.com/patents/US8391845

Grant - Filed Oct 22, 2010 - Issued Mar 5, 2013 - Richard X. Qing -

Research In Motion Limited

A method of presenting data entities of standard device **applications** in ... environment container upgrades and **backup/restore** processes and for ... A wireless **handheld device** has limited battery power, memory and processing capacity. SDCDs of an ARE module 702 and an IDE 704 are to be in **sync**.

Overview - Related - Discuss

Application programming interfaces for scrolling operations

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[Jan 1, 2000](#) - [Dec 31, 2006](#) [Any Patent Office](#) [Any filing status](#) [Utility](#) [Sorted by relevance](#) [Clear](#)
Method and apparatus for synchronizing information on two ...www.google.com/patents/US6243705

Grant - Filed Aug 12, 1998 - Issued Jun 5, 2001 - Gregory R. Kucala -

Palm, Inc.

Many users of **handheld** computing devices or "palmtops" also own personal ... plural control fields for **synchronizing two versions** of files in a multiprocessor ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for synchronizing objects between two devices**www.google.com/patents/US6990523

Grant - Filed Dec 1, 2004 - Issued Jan 24, 2006 - Charles Wu - Microsoft Corporation

A **synchronization** system synchronizes objects between a **portable** computer and ... **synchronization** involves **two copies** of a database, each containing multiple ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for synchronizing objects between two devices**www.google.com/patents/US6862617

Grant - Filed Jun 4, 1999 - Issued Mar 1, 2005 - Charles Wu - Microsoft Corp.

A **synchronization** system synchronizes objects between a **portable** computer and ... **synchronization** involves **two copies** of a database, each containing multiple ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for synchronizing objects between two devices**www.google.com/patents/US6988137

Grant - Filed Dec 1, 2004 - Issued Jan 17, 2006 - Charles Wu - Microsoft Corporation

A **synchronization** system synchronizes objects between a **portable** computer and ... **synchronization** involves **two copies** of a database, each containing multiple ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for synchronizing objects between two devices**www.google.com/patents/US6996633

Grant - Filed Nov 17, 2004 - Issued Feb 7, 2006 - Charles Wu - Microsoft Corporation

A **synchronization** system synchronizes objects between a **portable** computer and ... **synchronization** involves **two copies** of a database, each containing multiple ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for synchronizing objects between two devices**www.google.com/patents/US6990522

Grant - Filed Nov 17, 2004 - Issued Jan 24, 2006 - Charles Wu - Microsoft Corporation

A **synchronization** system synchronizes objects between a **portable** computer and ... **synchronization** involves **two copies** of a database, each containing multiple ...[Overview](#) - [Related](#) - [Discuss](#)**System and method for synchronizing objects between two devices**www.google.com/patents/US7127509

Grant - Filed Apr 15, 2004 - Issued Oct 24, 2006 - Charles Wu - Microsoft Corporation

A **synchronization** system synchronizes objects between a **portable** computer ... A method of **synchronizing** objects between two devices when some of the objects ... **synchronization** involves **two copies** of a database, each containing multiple ...[Overview](#) - [Related](#) - [Discuss](#)**System and method of synchronizing objects between two devices**

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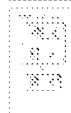
Systems and methods for synchronizing multi-modal interactionswww.google.com/patents/US7216351

Grant - Filed Feb 18, 2000 - Issued May 8, 2007 - Stephane H. Maes -

International Business Machines Corporation

a program storage device that stores a multi-modal application, the ..., familiar access devices such as conventional telephones, cell phone, smart phone, pocket ...

Overview - Related - Discuss

Method and apparatus for synchronizing information on two ...www.google.com/patents/US6243705

Grant - Filed Aug 12, 1998 - Issued Jun 5, 2001 - Gregory R. Kucala -

Palm, Inc.

Many users of handheld computing devices or "palmtops" also own personal ... Thus, a different method must be used to synchronize data from programs that ... plural control fields for synchronizing two versions of files in a multiprocessor system ... Networks, Inc. Apparatus and method for mobile device synchronization.

Overview - Related - Discuss

System and method for securely synchronizing multiple copies of a ...www.google.com/patents/US6065192

Grant - Filed Apr 11, 1997 - Issued Jul 4, 2000 - Daniel J. Mendez -

RoamPage, Inc.

A system includes a general synchronization module at the client site for ... The system further includes means for generating a preferred version from the first ... This application is related to co-pending patent application entitled "System and Method ..." product for customizing channels, content, and data for mobile devices.

Overview - Related - Discuss

Multi-diversity synchronization technique for improving ...www.google.com/patents/US6546026

Grant - Filed Jun 17, 1999 - Issued Apr 8, 2003 - Thomas W. Goeddel -

Lucent Technologies Inc.

The multi-diversity synchronization technique utilizes cross-correlations ... Version ... time synchronization in wireless applications, such as TDMA applications is ... Multicarrier reverse link timing synchronization system, device and method.

Overview - Related - Discuss

System and method for using a global translator to synchronize ...www.google.com/patents/US6023708

Grant - Filed May 29, 1997 - Issued Feb 8, 2000 - Daniel J. Mendez - Visto

Corporation

This application is related to and hereby incorporates by reference the co-pending patent ... 7 is a flowchart illustrating a method for synchronizing multiple copies of a ... product for customizing channels, content, and data for mobile devices.

Overview - Related - Discuss

Simplified application object data synchronization for optimized ...www.google.com/patents/US7076567

Grant - Filed Apr 25, 2002 - Issued Jul 11, 2006 - Doug Chasman - Oracle

International Corporation

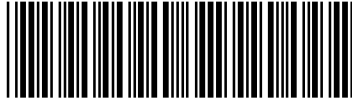
A method for synchronizing a mobile device with a central computer system is provided. The method includes coupling the mobile device to an application server of the ... 10/133,164, entitled "System and Method for Synchronization of Version ... 2 multiple object types 22, 24, and 26 are represented, where each object type ...

Overview - Related - Discuss

Device for running offline applications and synchronizing with a ...www.google.com/patents/US7143419

Grant - Filed Jun 5, 2002 - Issued Nov 26, 2006 - Claudius Fischer - SAP

AG

<i>Index of Claims</i> 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

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

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<input type="checkbox"/>	L52	L51 and (copy near5 file\$1)	5
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■ L44		
■ L43	L42 and (user\$1 near5 device\$1)	7
■ L42	L39 and (third near5 copy)	9

L40 and ((A61J1/1437 IA61J7/0084 IG06F19/322 IG06F19/323 IG06F19/326


	IG06F19/327 IG06F19/3418 IG06F19/3462 IG06F21/35 IG06F2221/2111	
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■	L22 L21 and (distribut\$3 near\$ file\$1)	363
■	L21 L20 and (updat\$3 near\$ file\$1)	1103
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■	L17 L16 or L15	161262
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■	L15 707/\$.ccls.	161059
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■	L13 L12 and copy\$3	1

	L12 L11 and (file\$1 same shar\$3)	3
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	L10 L9 and (electronic near5 device\$1)	23
	L9 (mobile and file\$1 and synchroniz\$4).ab. and @py<=2008	205
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	L7 L6 and stor\$3	11
	L6 L1 and pda	11
	L4 L3 and (modify\$3 near5 file\$1)	7
	L3 L2 and (copy\$3 near5 file\$1)	91
	L2 ((backup or archiv\$3) and file\$1 and transfer\$3).ab. and @py<2008	505
	L1 ((backup or archiv\$3) and file\$1 and transfer\$3).ab. and @py<2007	426

END OF SEARCH HISTORY

Search Notes 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
707	999.204 limited text search	6/20/2011	JDE

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	6/20/2011	JDE
Double Patenting Search	6/20/2011	JDE
Searched in EAST in all DBs, history attached	6/20/2011	JDE
Searched in Google Patents with keywords	6/20/2011	JDE
Inventor searched	4/18/2012	sc
WEST search attached	4/18/2012	sc
google search attached	4/18/2012	sc
Inventor searched	7/1/2013	sc
PLUS search	7/1/2013	sc
WEST search attached	7/1/2013	sc
google search attached	7/1/2013	sc
Inventor searched	11/26/2013	sc
PLUS search	11/26/2013	sc
google search attached	11/26/2013	sc
WEST search attached	11/26/2013	sc

/J.E./ Examiner.Art Unit 2157	
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INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/J.E./ Examiner.Art Unit 2157	
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PLUS Search Results for S/N 12267852, Searched Tue Nov 26 11:07:56 EST 2013

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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PLUS Search Results for S/N 12267852, Searched Mon Nov 18 12:49:13 EST 2013

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5805831 99	5539825 99	5940844 99
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104

16579
Foster Pepper PLLC
1111 3rd Avenue Suite 3400
Seattle, WA 98101-3299

CONFIRMATION NO. 7024 MISCELLANEOUS NOTICE



OC000000064968614

Date Mailed: 11/14/2013

A communication which cannot be delivered in electronic form has been mailed to the applicant.



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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104

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CONFIRMATION NO. 7024



OC000000064968614

Cc: PILLSBURY WINTHROP SHAW PITTMAN, LLP (NV)
 PO BOX 10500
 MCLEAN, VA 22102

Date Mailed: 11/14/2013

DENIAL OF REQUEST FOR POWER OF ATTORNEY

The request for Power of Attorney filed 11/08/13 is acknowledged. However, the request cannot be granted at this time for the reason stated below.

- ☐ The Power of Attorney you provided did not comply with the new Power of Attorney rules that became effective on June 25, 2004. See 37 CFR 1.32.
- ☐ The revocation is not signed by the applicant, the assignee of the entire interest, or one particular principal attorney having the authority to revoke.
- ☒ The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.
- ☐ The person signing for the assignee has omitted their empowerment to sign on behalf of the assignee.
- ☐ The inventor(s) is without authority to appoint attorneys since the assignee has intervened as provided by 37 CFR 3.71.
- ☐ The signature(s) of _____, a co-inventor in this application, has been omitted. The Power of Attorney will be entered upon receipt of confirmation signed by said co-inventor(s).
- ☐ The person(s) appointed in the Power of Attorney is not registered to practice before the U.S. Patent and Trademark Office.

Questions relating to this Notice should be directed to the Application Assistance Unit.

A-G 3W

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

In re PATENT APPLICATION of:
Manzano, Michael R.

Confirmation Number: 7042

Application No.: 12/267,852

Group Art Unit: 2157

Filed: November 10, 2008

Examiner: Channavajjala, Srirama T.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

AMENDMENT AND RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.111

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

Madam Commissioner:

In response to the Office Action dated July 8, 2013 (hereinafter the "Office Action"), a response to which is due November 8, 2013 with the enclosed one month extension of time, please amend the above-identified application as follows, in which:

Amendments to the Claims begin on page 2; and

Remarks begin on page 7.

LISTING OF THE CLAIMS:

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

1. (Currently Amended) A system, comprising:

~~a first application executable on a first electronic device~~ configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user;

~~wherein the first electronic device is configured to receive from a second application executable on [[a]] the second electronic device in communication with the first electronic device, the second electronic device having stored thereon a copy of a first electronic file automatically transferred from the second application, wherein, subsequent to [[a]] the user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and~~

~~wherein the first electronic device is further configured to receive from a third application executable on [[a]] the third electronic device in communication with the first electronic device, the third electronic device having stored thereon a copy of a second electronic file automatically transferred from the third application, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device; and~~

~~wherein the first application is operable~~ further configured to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

2. (Currently Amended) The system of claim 1 wherein the user modifying ~~an~~ the first electronic file or the second electronic file comprises the user creating the first electronic file or the second electronic file.

3. (Previously Presented) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.

4. (Previously Presented) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device.

5. (Previously Presented) The system of claim 4, wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device.

6. (Previously Presented) The system of claim 1 wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

7. (Previously Presented) The system of claim 1 wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy.

8. (Previously Presented) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.

9. (Previously Presented) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

10. (Previously Presented) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.

11. (Currently Amended) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored

thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the first electronic device and the second electronic device each being associated with a user, the method comprising:

~~subsequent to a user modifying the first electronic file~~, receiving from the first electronic device a copy of ~~the modified~~ a first electronic file modified by the user, the copy of the modified first electronic file being automatically provided to the electronic system by the first electronic device;

~~subsequent to a user modifying the second electronic file~~, receiving from the second electronic device a copy of ~~the modified~~ a second electronic file modified by the user, the copy of the modified second electronic file being automatically provided to the electronic system by the second electronic device;

automatically transferring the modified first electronic file copy to the second electronic device; and

automatically transferring the modified second electronic file copy to the first electronic device.

12. (Currently Amended) The method of claim 11 wherein the user modifying ~~an~~ the first electronic file or the second electronic file comprises the user creating the first electronic file or the second electronic file.

13. (Previously Presented) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (Previously Presented) The method of claim 11, wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (Previously Presented) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component only if the second electronic device is not in communication with the electronic system.

16. (Previously Presented) The method of claim 11 wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

17. (Previously Presented) The method of claim 11 wherein the first electronic device is configured to replace an older version of the first electronic file stored on the first electronic device with the modified copy of the first electronic file.

18. (Previously Presented) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (Previously Presented) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. (Cancelled)

21. (Currently Amended) A system, comprising:

a first application executable on a first electronic device configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user, and wherein the first application is configured to facilitate the user modifying a first electronic file on the second electronic device with the third electronic device, and to facilitate the user modifying a second electronic file on the third electronic device with the second electronic device;

wherein the first electronic device is configured to receive from a second application executable on [[a]] the second electronic device in communication with the first electronic

~~device, the second electronic device having stored thereon a copy of the first electronic file~~
~~automatically transferred from the second application, wherein, subsequent to [[a]] the user~~
~~modifying the first electronic file with the second electronic device, the second application is~~
~~operable to automatically transfer a copy of the modified first electronic file to the first electronic~~
~~device; and~~

~~wherein the first electronic device is further configured to receive from a third application~~
~~executable on [[a]] the third electronic device in communication with the first electronic device,~~
~~the third electronic device having stored thereon a copy of the second electronic file~~
~~automatically transferred from the third application, wherein, subsequent to the user modifying~~
~~the second electronic file with the third electronic device, the third application is operable to~~
~~automatically transfer a copy of the modified second electronic file to the first electronic device;~~
~~and~~

~~wherein the first application is operable further configured to automatically transfer the~~
~~modified first electronic file copy to the third electronic device, and automatically transfer the~~
~~modified second electronic file copy to the second electronic device.~~

REMARKS

By this Amendment, claims 1, 2, 11, 12, and 21 have been amended for clarity. No additional claims are newly added. Support for the instant amendments can be found throughout the as-filed specification. No new matter has been added. Accordingly, upon entry of this Amendment, claims 1-19 and 21 are pending, wherein claims 1, 11, and 21 are independent. Reconsideration and allowance of the pending claims based on the foregoing amendments and the remarks below are respectfully requested.

Specification

The Office Action requests that the status of U.S. Patent Application 11/739,083, incorporated by reference in paragraph [0026], be updated. Office Action, ¶6. Applicant notes that this application remains pending, and that no amendment to the specification to update the status is needed at this time.

Double Patenting

Claims 1-19 and 21 are rejected under non-statutory obviousness type double patenting over claims 1-4, 6-12, 20, and 22-25 of co-pending U.S. Patent Application No. 11/739,083. Office Action, ¶ 9. Applicant notes that because allowable subject matter has yet to be indicated, the rejection should at this time be a provisional rejection. Applicant respectfully requests that the double patenting rejection be held in abeyance until the Office has indicated allowable subject matter in either application. At such time, Applicant will analyze the propriety of the rejection and determine whether the filing of a terminal disclaimer is appropriate.

Rejections under 35 U.S.C. §102(b)

In the Office Action, claims 1-19 and 21 stand rejected under 35 U.S.C. §102(b) as allegedly being anticipated by U.S. Patent Application Publication 2002/0087588 to McBride et al., (hereinafter “McBride”). Office Action, ¶¶ 11-12. Solely in an effort to expedite prosecution, and in no way acquiescing to the propriety of the alleged rejection, independent claims 1, 12, and 21 have been amended to clarify aspects of the invention. As such, the rejection is moot as to these claims, and those claims that depend from and add additional features thereto.

Reconsideration and allowance of the pending claims is respectfully requested in light of the amendment, and the remarks below.

As background, “[a] prior art reference anticipates a patent claim if the reference discloses, either expressly or inherently, all of the limitations of the claim.” *Metabolite Laboratories, Inc. v. Laboratory Corporation of America Holdings*, 370 F.3d 1354, 1367, 71 U.S.P.Q. 2d (BNA) 1081, 1090 (Fed. Cir. 2004) (quoting *EMI Group N. Am., Inc. v. Cypress Semiconductor Corp.*, 268 F.3d 1342, 1350, 60 U.S.P.Q. 2d (BNA) 1423, 1429 (Fed. Cir. 2001) (citation omitted)). Additionally, a proper rejection requires that “the **identical** invention **must** be shown **in as complete detail as is contained in the ... claim**” (See MPEP §2131, citing *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989), emphasis added) and that “the elements **must be arranged as required by the claim**” (See MPEP §2131, citing *In re Bond*, 910 F.2d 831, 15 USPQ2d 1566 (Fed. Cir. 1990), emphasis added). Moreover, it has been recently held that the test for anticipation by a single reference under 35 U.S.C. §102 requires that a single reference not only disclose all the elements of the invention, but that the elements be “arranged or combined in the same way as in the claim.” (See, *Net MoneyIN, Inc. v. VeriSign, Inc.*, 545 F. 3d 1359 (Fed. Cir. 2008)).

Applicant respectfully submits that McBride does not anticipate claim 1, as amended. Specifically, claim 1 as amended recites a system comprising “a first electronic device configured to selectively execute a first application, the first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user; wherein the first electronic device is configured to receive from a second application executable on the second electronic device a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file; wherein the first electronic device is further configured to receive from a third application executable on the third electronic device a copy of a second electronic file automatically transferred from the third application subsequent to the user modifying the second electronic file; and wherein the first application is further configured to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.” Nothing in McBride discloses, teaches or suggests at least the emphasized features.

As a preliminary matter, McBride appears to be directed to a system that monitors data files stored in a source directory for storage to a plurality of backup locations. McBride, Abstract. As described therein, the “mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location [and] copies the source data to a local backup data storage location.” McBride, [0015]. Regardless of whether the mirroring application is located locally to the source data, or is at a separate system, the disclosure of McBride does not anticipate claim 1 as amended. Specifically, nothing in McBride discloses, teaches, or suggests that the system housing the mirroring application being on “a first electronic device being in communication with a second electronic device and a third electronic device, each associated with a user.”

Additionally, nothing in McBride is configured to “*receive from a second application executable on the second electronic device a copy of a first electronic file automatically transferred from the second application subsequent to the user modifying the first electronic file*” and “*receive from a third application executable on the third electronic device a copy of a second electronic file automatically transferred from the third application subsequent to the user modifying the second electronic file*” as also recited in claim 1. Further, McBride fails to disclose, teach, or suggest the first application being further configured to “*automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.*” Nothing in McBride discloses the arrangement between the first electronic device, the second electronic device, and the third electronic device to facilitate such automatic transfers of the first and second electronic file copies by the first application, as recited. Accordingly, because McBride does not disclose, teach, or suggest the recitations as arranged in claim 1, McBride does not anticipate claim 1 under 35 U.S.C. §102(b). See MPEP §2131; *In re Bond*, 910 F.2d 831.

The Office Action rejects independent claim 11 for the same reasons as claim 1, without further analysis of the recitations therein. Office Action, ¶ 12. Applicant respectfully submits that the method of independent claim 11 includes different recitations from the system of claim 1 that warrant separate consideration. Specifically, claim 11 recites a method “*implementable in an electronic system* having a storage component, the electronic system being *coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file*, the first electronic device and the second

electronic device each being associated with a user, *the method comprising: receiving from the first electronic device a copy of a first electronic file modified by the user, the copy of the modified first electronic file being automatically provided to the electronic system by the first electronic device; receiving from the second electronic device a copy of a second electronic file modified by the user, the copy of the modified second electronic file being automatically provided to the electronic system by the second electronic device; automatically transferring the modified first electronic file copy to the second electronic device; and automatically transferring the modified second electronic file copy to the first electronic device.*” Nothing in McBride discloses, teaches, or suggests each of the recitations of the claimed method, as arranged therein. To the extent that McBride discloses using a mirroring application to synchronize files from a source, regardless of whether the mirroring application is local to the source of the files, nothing therein discloses an electronic device that receives copies of files automatically transmitted from each of a first and second electronic device, and automatically transferring those files to the other electronic device, as recited. Furthermore, nothing in McBride discloses, teaches, or suggests that those files being modified by the user common to the first and second electronic device, as described herein.

Further, with regard to independent claim 21, Applicant respectfully submits that the Office did not respond to Applicant’s specific arguments associated therewith. In the response filed July 26, 2012, Applicant specifically noted that with regard to claim 21, the Advisory Action of July 10, 2012 characterized claim 21 as being “[identical] to claim 1, 11.” Applicant specifically traversed, and noted that in claim 21, “the *first electronic file* is modified with the *second electronic device*, and “the *second electronic file* is modified with the *third electronic device*.” These recitations are not found in claim 1, and Applicant respectfully requested more careful consideration of these features of claim 21. Despite this request, the Office Action instead groups claim 21 with claim 1 in its analysis (Office Action, ¶ 11) and does not answer the substance of Applicant’s argument in the “Response to Arguments” section at all. See Office Action, Pgs. 13-15.

For this reason, the Office Action is incomplete as to all matters as required by 37 C.F.R. § 1.104(b). “In order to provide a complete application file history and to enhance the clarity of the prosecution history record, an examiner must provide clear explanations of all actions taken by the examiner during prosecution of an application. Where the applicant traverses any

rejection, the examiner should, if he or she repeats the rejection, take note of the applicant's argument and answer the substance of it." MPEP § 707.07(f). As additionally noted in MPEP § 707.07(f), "[t]he examiner must address all arguments which have not already been responded to in the statement of the rejection." MPEP § 707.07(f), Examiner Note 1.

Here, the Office Action merely repeats without complete analysis and consideration of Applicant's clear traversals the rejections presented in the previous Office Action. Failure to specifically respond to Applicant's arguments renders the Office Action arbitrary and capricious, and thus invalid under the Administrative Procedure Act (5 U.S.C. § 706), a standard to which all Actions by the USPTO must adhere (see *Dickenson v. Zurko*, 527 U.S. 150 (1999)). Applicant therefore respectfully requests that the Examiner address the substance of Applicants' arguments in the next Office Action. Further, Applicants respectfully note that at least because the outstanding Office Action is incomplete under 37 C.F.R. § 1.104(b) and does not meet the requirements of MPEP § 707.07(f), a next Action in this case cannot be made final.

Applicant further notes that with regard to the Response to Arguments section, the Office Action does not respond to Applicant's arguments based on the *claim recitations* and the specific arrangement referenced therein, but instead broadly compares portions of the specification of McBride to portions of Applicant's *specification*. Nothing in the Office Action responds specifically to Applicant's argument that the specific arrangements and configurations recited in at least claims 1, 11, and 21 are not disclosed, taught, or suggested in McBride, and thus McBride cannot anticipate these claims.

Accordingly, for at least the above reasons, the continued rejections of claims 1, 11, and 21 would be improper, and must be withdrawn. Applicant respectfully submits that claims 2-10 and 12-19 depend from and add features to each of independent claims 1 and 11, and the rejection thereof would also be improper, both for their dependency, as well as for the further patentable features recited therein.

CONCLUSION

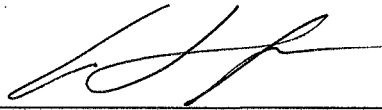
All rejections having been addressed, it is respectfully submitted that the present application is in an immediate condition for allowance and a Notice to that effect is earnestly solicited. If any point remains in issue which the Examiner feels may be best resolved through a

personal or telephone interview, please contact the undersigned at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



Gabriel A. Haboubi
Reg. No. 66,201
Tel. No. 703.770.7765
Fax No. 703.770.7901

Date: **November 8, 2013**
P.O. Box 10500
McLean, VA 22102
703.770.7900

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	Box & Dropbox Exhibit 1007 ¹⁰⁰	100

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

Electronic Acknowledgement Receipt

EFS ID:	17358678
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	Gabriel Ayad Haboubi/Bridgette Breeze
Filer Authorized By:	Gabriel Ayad Haboubi
Attorney Docket Number:	206217-1025-104
Receipt Date:	08-NOV-2013
Filing Date:	10-NOV-2008
Time Stamp:	18:21:24
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	6248
Deposit Account	033975
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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		POA- StatmnetC_EOT_Amendment.pdf	877269 <div>76e19a01610600343eb77e26a16e7b92f838bff5</div>	yes	16
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Power of Attorney		1	1	
	Assignee showing of ownership per 37 CFR 3.73.		2	3	
	Extension of Time		4	4	
	Amendment/Req. Reconsideration-After Non-Final Reject		5	5	
	Claims		6	10	
	Applicant Arguments/Remarks Made in an Amendment		11	16	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30592 <div>a443851993da16d9bec26cd6723a36c4905ea46e</div>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			907861		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					
Box & Dropbox Exhibit 1007					

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.

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:

00909

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:

00909

OR

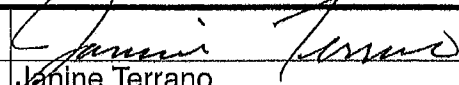
<input type="checkbox"/>	Firm or Individual Name			
	Address			
	City	State	Zip	
	Country			
	Telephone	Email		

Assignee Name and Address: **TOPIA TECHNOLOGY**
1119 Pacific Avenue, Suite 200
Tacoma, WA 98402

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	1/15/13
Name	Janine Terrano	Telephone	253-572-9712
Title	President, CEO		

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.

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: Topia Technology, Inc.

Application No./Patent No.: 12/267,852

Filed/Issue Date: November 10, 2008

Titled: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

Topia Technology, 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 022188, Frame 0579, 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.

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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
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.

Signature

Gabriel A. Haboubi

Printed or Typed Name

November 8, 2013

Date

66,201

Title or Registration Number

[Page 2 of 2]

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.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional) 023027-0424342
Application Number 12/267,852	Filed November 10, 2008	
For ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		
Art Unit 2157	Examiner Channavajjala, Srirama T.	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee	Micro Entity Fee	
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ 100.00
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____

☒ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to
Deposit Account Number 033975.

☐ Payment made via EFS-Web.

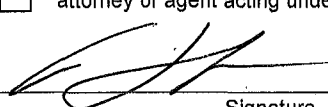
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant.

☒ attorney or agent of record. Registration Number 66201.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.



 Signature
 Gabriel A. Haboubi

 Typed or printed name

November 8, 2013

 Date
 (703) 770-7900

 Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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, www.FormsWorkflow.com

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/267,852	Filing Date 11/10/2008	<input type="checkbox"/> To be Mailed
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 ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA		RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
<input type="checkbox"/> 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 \$ =	
<input type="checkbox"/> 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).				
<input type="checkbox"/> 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)

	11/08/2013	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	Total (37 CFR 1.16(i))	* 11	Minus	** 20	= 0		X \$40 =	0
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0		X \$210 =	0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))							
	<input type="checkbox"/> 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		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 \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))							
	<input type="checkbox"/> 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
 /CAROL BARNES/

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

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104	7024
16579	7590	07/08/2013		
Foster Pepper PLLC 1111 3rd Avenue Suite 3400 Seattle, WA 98101-3299			EXAMINER CHANNAVAJALA, SRIRAMA T	
			ART UNIT 2157	PAPER NUMBER
			NOTIFICATION DATE 07/08/2013	DELIVERY MODE ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@foster.com

Office Action Summary	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, 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 26 July 2012.
☐ 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) 1-19 and 21 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) 1-19 and 21 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

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

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 10 November 2008 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) <input type="checkbox"/> Notice of References Cited (PTO-892) | 3) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____. | 4) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Response to RCE-1

1. Examiner acknowledges applicant response filed on 7/26/2012
2. Examiner acknowledges applicant response filed on 12/28/2011.
3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed 1/19/2007 in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/26/2012 is entered

Drawings

4. The Drawings filed on 11/10/2008 are acceptable for examination purpose.

Priority

5. Applicant's claim for domestic priority under 35 U.S.C. 119(e) is acknowledged based on the provisional application **60/986,896** filed on 11/9/2007.

Specification

6. At page 7, para 0026, US application 11/739,083 is incorporated by reference, applicant is hereby required to update the status of this application in response to this office action.

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7. Applicant has incorporated by reference US applications as amendments to the specification filed on 3/29/2010. Examiner notes that incorporation by reference of an application in a printed United States patent constitutes a special circumstance under 35 U.S.C. § 122 warranting that access of the original disclosure of the application be granted. The incorporation by reference will be interpreted as a waiver of confidentiality of only the original disclosure as filed, and not the entire application file, *In re Gallo*, 231 USPQ 496 (Comm'r Pat. 1986). If Applicant objects to access to the entire application file, two copies of the information incorporated by reference must be submitted along with the objection. Failure to provide the material within the period provided will result in the entire application (including prosecution) being made available to petitioner. The Office will not attempt to separate the noted materials from the remainder of the application. Compare *In re Marsh Engineering Co.*, 1913 C.D. 183 (Comm'r Pat. 1913).

Double Patenting

8. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined

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application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

9. Claims 1-19,21 [as filed on 7/26/2012] are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-4,6-12,20,22-25 of co-pending US Application No. 11/739,083. Although the conflicting claims are not identical, they are not patentably distinct from each other because the only difference in scope of the independent claims that of the different “configured to initiate sharing of the file with the recipient client, said initiate sharing including designating the recipient client; and transmit

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a first portion of a plurality of portions of the file to the recipient client before the server has received an entirety of the file.....” in claim 1, 20, in the co-pending application No. 11/739,083, while “”second applicationtransfer a copy of the modified first electronic filedevice;subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of theelectronic device in claim 1, 11,21 of the instant application”, is an obvious variation in the instant invention.

Claim Rejections - 35 USC § 102

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

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. ***Claims 1-19,21 are rejected under 35 U.S.C. 102(b) as being anticipated by McBride et al. [hereafter McBride], US. Pub. No. 2002/0087588, published Jly 2002.***

11. With respect to claim 1,21, McBride discloses a system, comprising: a first application executable on a first electronic device ([0015] a host computer running a mirroring application);

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device ([0015-0016], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node

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periodically checks' predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.); and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device ([0015-0016, 0022], Additionally, the mirroring application, upon detecting changes to the source data, also copies the source data to a local backup data storage location);

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device ([0015-0016, page 10, 0125], copies the source data to a backup data storage location and also copies the source data to a local backup data storage location).

12. Claim 11 recites similar limitations as claim 1 and is rejected under similar rationale.

13. With respect to claim 2, McBride discloses wherein the user modifying an electronic file comprises the user creating the electronic file ([0125], when a data

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file (511) is created, it is automatically backed up to one or more backup data storage locations. Additionally, when any changes or alterations are made to any of the data files (511), those changes are also automatically mirrored to the backup copies of the files at the backup data storage locations).

14. Claim 12 recites similar limitations as claim 2 and is rejected under similar rationale.

15. With respect to claim 3, McBride discloses wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects ([0098]-[0099]; regarding each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe. Under the principles of the present invention, a "node" may be an electronic device with the capacity to store and use electronic data. For example, a node may be a computer such as a personal computer, a mobile telephone).

16. Claim 13 recites similar limitations as claim 3 and is rejected under similar rationale.

17. With respect to claim 4, McBride discloses wherein the first application is configured to store the modified first electronic file copy to a memory device ([0015], The mirroring application monitors the source data for change and, upon

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detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0016]

The local backup data storage location may be a removable storage media in a removable storage media drive. Alternatively, the local backup data storage location may be a hard drive in the host computer or in a computer networked to the host computer).

18. Claim 14 recites similar limitations as claim 4 and is rejected under similar rationale.

19. With respect to claim 5, McBride discloses wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device ([0072] At step (222), the user can control whether the mirror application provides a warning if the designated data backup location is unavailable, for example, the designated mirror disk is not inserted in the appropriate drive. This can be done by checking or unchecking box (413) in FIG. 13).

20. Claim 15 recites similar limitations as claim 5 and is rejected under similar rationale.

21. With respect to claim 6, McBride discloses wherein the second application automatically transfers the copy of the modified first electronic file to the first

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electronic device upon determining that a save operation has been performed on the modified first electronic file ([0155], mirror the source files and folders every time a file is saved to a designated source folder).

22. Claim 16 recites similar limitations as claim 6 and is rejected under similar rationale.

23. With respect to claim 7, McBride discloses wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy ([0070] At step (220), the user can turn on or off the mirroring of revisions to the files in the source folder. This is done using the "Revisions" radio buttons (411) in FIG. 13. If the "Revisions" feature of the application is activated, each time a data file is mirrored to the backup data storage location, a new numbered version of the file will be stored at the backup data storage location. If the "Revisions" feature is not activated, the mirror application of the present invention will overwrite the previous corresponding backup file in the backup data storage location each time the source file is mirrored).

24. Claim 17 recites similar limitations as claim 7 and is rejected under similar rationale.

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25. With respect to claim 8, McBride discloses wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device ([0098]-[0099]; each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe Also, see [0015], a host computer running a mirroring application).

26. Claim 18 recites similar limitations as claim 8 and is rejected under similar rationale.

27. With respect to claim 9, McBride discloses wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object ([0015], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

28. Claim 19 recites similar limitations as claim 9 and is rejected under similar rationale.

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29. With respect to claim 10, McBride discloses wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device ([0015-0016], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

Response to Arguments

30. Applicant's arguments at page 6-8 with respect to claims 1-19,21 filed 7/26/2012 have been fully considered but they are not persuasive, for examiner's response, see discussion below:

a) At page 6-7, applicant argues the following:

Prior art of McBride does not teach or suggest that a first application on a first device transfers a first modified document to the source of a second modified document to the source of the first modified document, as is required by claim 1...

The Examiner's Response in Arguments on pages 10-12, as well as the balance, of the instant Action fail to explain or demonstrate how McBride teaches that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document. This is a specific arrangement recited in claim 1 and it is respectfully submitted that the mirroring application of McBride that merely backs up modified source data to two or more locations simply does not read on such arrangement

As to the above argument [a],

PRINCIPLES OF LAW

In rejecting claims under 35 U.S.C. § 102, "[a] single prior art reference that discloses, either expressly or inherently, each limitation of a claim invalidates that claim by anticipation." *Perricone v. Medicis Pharmaceutical Corp.*, 432 F.3d 1368, 1375 (Fed. Cir. 2005) (citing *Minn. Mining & Mfg. Co. v. Johnson & Johnson Orthopaedics, Inc.*, 976 F.2d 1559, 1565 (Fed. Cir. 1992)).

Analysis of whether a claim is patentable over the prior art under 35 U.S.C. § 102 begins with a determination of the scope of the claim. Examiner determine the scope of the claims in patent applications not solely on the basis of the claim language, but upon giving claims their broadest reasonable construction in light of the specification as it would be interpreted by one of ordinary skill in the art. *In re Am. Acad. of Sci. Tech Ctr.*, 367 F.3d 1359, 1364 (Fed. Cir. 2004). The properly interpreted claim must then be compared with the prior art.

If the Examiner's burden is met, the burden then shifts to the Appellants to overcome the prima facie case with argument and/or evidence. Obviousness is then determined on the basis of the evidence as a whole and the relative persuasiveness of the arguments. See *In re Oetiker*, 977 F.2d 1443, 1445 (Fed. Cir. 1992).

In this case, the prior art of reference McBride is firstly directed to electronic data files storage and backup data storage locations [Abstract] in a computer network environment [fig 14-15] *is identical to instant specification*

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drawing fig 2; secondly, McBride specifically teaches user devices such as personal digital assistant, personal computer with a web based application connected in a communication network environment [fig 14-15, page 7, 0099page 8, 0101-0105] is identical to the instant specification drawing fig 2 particularly user device, 210, computer system 260 connected to a network [element 220]. It is noted that McBride specifically teaches automatically transfer and/or copy data and/or files between devices in a network environment [McBride: page 10, 0127, 0129, page 12, 0143], is identical to instant specification page 11, 0035-0036; prior art of McBride strongly supports computer operating system for personal computer PC employing windows 95 or windows NT operating system supports not only software application programs, but also managing document files and like [McBride: page 3, 0039, page 4, 0048-0049], further it is also noted that McBride supports user interface with menu options that including edit for example as detailed fig 28, element 587, page 12, 0150] corresponds to updating and/or modifying file data with respect to storage location. Thirdly, McBride also supports detecting changes and copies on backup data storage location [page 2, 0015, page 2, 0022 reads on the limitation "third applicationsubsequent to theelectronic device, and finally, McBride also supports transfer the modified files [page 8, 0106-0107].

Examiner applies above arguments to claims 2-10, 12-19 depend from claims 1, 11

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Therefore, Applicant's remarks are deemed not to be persuasive, and claims 1-20 stand rejected under 35 USC 102(b) as being clearly anticipated by McBride.

Conclusion

The prior art made of record

a. US Pub. No. 2002/0087588

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Examiner's Note: Examiner has cited particular columns and line numbers in the references applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

SEE MPEP 2141.02 [R-5] VI. PRIOR ART MUST BE CONSIDERED IN ITS ENTIRETY, INCLUDING DISCLOSURES THAT TEACH AWAY FROM THE CLAIMS: A prior art reference must be considered in its entirety, i.e., as a whole, including portions that would lead away from the claimed invention. W.L. Gore & Associates, Inc. v. Garlock, Inc., 721 F.2d 1540, 220 USPQ 303 (Fed. Cir. 1983), cert. denied, 469 U.S. 851 (1984) In re Fulton, 391 F.3d 1195, 1201, 73 USPQ2d 1141, 1146 (Fed. Cir. 2004). >See also MPEP §2123.

In the case of amending the Claimed invention, Applicant is respectfully requested to indicate the portion(s) of the specification which dictate(s) the structure relied on for proper interpretation and also to verify and ascertain the metes and bounds of the claimed invention.

The prior art made of record, listed on form PTO-892, and not relied upon, if any, is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim, Charles, can be reached on (571) 272-7421. The fax phone numbers for the organization where the 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).

/Srirama Channavajjala/
Primary Examiner, Art Unit 2157.

Inventor Information for 12/267852

Inventor Name	City	State/Country
MANZANO, MICHAEL R.	SEATTLE	WASHINGTON

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
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Background transfer service for applications on mobile devices


www.google.com/patents/WO2012112404A2?cl=en
 App - Filed Feb 12, 2012 - Published Aug 23, 2012 - Gregory Arthur DE SOUZA - Microsoft Corporation
 Background transfer service for applications on mobile devices with the application is used to move or copy the data from the file cache to ...
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Object transfer method using gesture-based computing device


www.google.com/patents/US20120024355
 App - Filed Jun 14, 2011 - Published Dec 20, 2012 - Ákos Putz - Logmein, Inc.
 A file transfer method is operative in a mobile computing device having a ... One such mobile application is LogMeIn Ignition, a remote access ...
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Management of mobile applications


www.google.com/patents/US8359016
 Grant - Filed Nov 19, 2010 - Issued Jan 22, 2013 - Jesse Wagner Lindeman - Mobile Iron, Inc.
 In particular implementations, a mobile device management system ... 308 may store file system commands (such as open, save, delete, copy, ...
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System and method of generating applications for mobile devices


www.google.com/patents/EP1687715A1?cl=en
 App - Filed Nov 8, 2004 - Published Aug 9, 2006 - L. N. Allen Lau - Tira Wireless Inc.
 The device plug-in includes an XML file and pieces of software code to modify ... portions of the reference application not supported by the target mobile device. ... file 22 instructs the transformation engine 16 to copy the selected software code ...
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System for a remote file management with mobile devices


www.google.com/patents/WO2001033874A1?cl=en
 App. - Filed Oct 31, 2000 - Published May 10, 2001 - Sun Young Cho - Cho, Young, Sun
 A remote file management system using a mobile device, comprising: remote file ... in claim 20, wherein when copying a file of said mobile information terminal into a ... application program is installed in the mobile device, then all kinds of files ...
[Overview](#) - [Related](#) - [Discuss](#)

Electronic file transfer for a communications device


www.google.com/patents/US8315605
 Grant - Filed May 8, 2012 - Issued Nov 20, 2012 - George Baldwin Bumiller - Research In Motion Limited
 maintaining a copy of the at least one electronic file on the wireless device; and ... This application claims the benefit of previously filed European Application No. In some implementations, any message in the mobile device Message List ...
[Overview](#) - [Related](#) - [Discuss](#)

Enterprise-wide security system for computer devices


www.google.com/patents/US20130047219
 App. - Filed Sep 28, 2012 - Published Feb 21, 2013 - Majid Shahbazi - Majid Shahbazi
 A system and method for securing data in mobile devices (104) includes a ... data, file, application, and device profile transfer acting as a gateway for all types of ...
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Automatic migration of data via a distributed computer network



www.google.com/patents/US20120311648

App. - Filed Aug 20, 2012 - Published Dec 6, 2012 - Eric Sven-Johan Swildens - Akamai Technologies, Inc.

Automatic migration of data via a distributed computer network The customer is charged for the bandwidth used to **transfer files** from the origin servers to the ...

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Automatic migration of data via a distributed computer network



www.google.com/patents/US8250211

Grant - Filed Apr 18, 2011 - Issued Aug 21, 2012 - Eric Sven-Johan Swildens - Akamai Technologies, Inc.

The customer is charged a higher fee to store its popular **files** on the ... A method and apparatus for the **automatic migration of data via a distributed computer network** The customer is charged for the bandwidth used to **transfer files** from ... capacity used for the origin object **file copies** reduces the available ...

[Overview](#) - [Related](#) - [Discuss](#)

End-to-end secure file transfer method and system



www.google.com/patents/WO2002015516A2?cl=en

App. - Filed Aug 16, 2001 - Published Feb 21, 2002 - Tan-Na Chu - Filestream, Inc.

A secure electronic **file transfer** system and methods of its use are provided. ... Asset **Distribution** system causing **files** residing on local or remote **computers** to be ... Client software may be **automatically** downloaded and installed to the sending ... from the server, deletes the **copy** of the XFR file from the sender **computer** ...

[Overview](#) - [Related](#) - [Discuss](#)

File transfer system



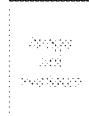
www.google.com/patents/US20130073597

App. - Filed Sep 14, 2012 - Published Mar 21, 2013 - Maurice W. Haff - Intellectual Ventures I Llc

The present invention relates to **transferring computer files** electronically from an module calls a compression subroutine that **copies** and compresses the **files** **distribution** to a large number of recipients can be **automatically** and directly ...

[Overview](#) - [Related](#) - [Discuss](#)

File transfer system



www.google.com/patents/WO199026121A2?cl=en

App. - Filed Nov 13, 1988 - Published May 27, 1999 - Maurice W. Haff - Hyperspace Communications, Inc.

The **file transfer** device of claim 1, in which the control connection is further ... one **file** of which the remote **computer** can request a **copy** via a data **transfer**, and to provide **automatic** login to a mediating server that forwards a transferred **file** is either incorporated into the **computer** program prior to **distribution** to users or ...

[Overview](#) - [Related](#) - [Discuss](#)

Methods and systems for transferring data over a network



www.google.com/patents/US6286165

Grant - Filed Oct 11, 2010 - Issued Oct 9, 2012 - David Giannini - Cellwave Communications, Llc

A method of **distributing** a software upgrade to user **computer** ... the application program may **automatically** determine if updates are For example, the upgrade process can include **copying files** and adjusting settings.

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Object transfer method using gesture-based computing device

www.google.com/patents/US20120324368

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Page 8 of about 35,600 results (0.15 seconds)

Method and system for automatically transitioning of configuration ...



www.google.com/patents/EP1173509B1?d=an

Grant - Filed Apr 26, 2000 - Issued Apr 2, 2003 - Mark C. Chweh - Transition Corporation

The **computer** personality includes customization choices, data **files**, electronic ... **transferring** the transition package to a target **computing** system (26); and ... stored on the one or more other **computing** systems using **distributed computing** ... smart configuration setting searching capabilities, smart **copying** capabilities, etc.

[Overview](#) - [Related](#) - [Discuss](#)

Integrated digital production line for visual products



www.google.com/patents/EP1146742A1?d=an

App. - Filed Feb 26, 2001 - Published Oct 17, 2001 - Randolph M. Biotky - TRW Inc.

There is also an integrated *process* to bill **automatically** the user or exhibitor for such ... electronically **distributing** a **copy** of the content via the network to one or more ... The invention generally relates to **computers** and visual products, and more ... The example applications or uses of the VPN 120 are **File Transfer**, **Digital** ...

[Overview](#) - [Related](#) - [Discuss](#)

Method for distributing content to a user station



www.google.com/patents/US6321493

Grant - Filed Jun 8, 2007 - Issued Nov 27, 2012 - Richard P. Reisman - Intellectual Ventures I Llc

Thus, electronic **transfer** from a central **computer** server to a subscriber's **computer** ... a variety of functions, including **file transfers** between, interactive sessions from, ... in an alternative embodiment, the product ID can be **automatically** ... with each **copy** of the CD-ROM **distribution** disk, and to create predetermined work ...

[Overview](#) - [Related](#) - [Discuss](#)

Enterprise-wide security system for computer devices



www.google.com/patents/US20130047219

App - Filed Sep 26, 2012 - Published Feb 21, 2013 - Majid Shahbazi - Majid Shahbazi

determining whether the **computing** node is authorized to **transfer** a device ... and Apparatus for Synchronizing Multiple **Files** on Two Different **Computer** Systems, ... maintaining security in a **distributed computing** environment that comprises a ... security profile is transferred or otherwise **copies** from the **computing** node to ...

[Overview](#) - [Related](#) - [Discuss](#)

Methods and apparatus for playback of an electronic file



www.google.com/patents/US8041085

Grant - Filed Dec 4, 2009 - Issued Dec 25, 2012 - Howard Lutnick - Cfph, Llc

send, to the playback service, a request to playback the audio **file** of the plurality of ... playing the at least a portion of the audio **file** without creating a **copy** of ... receiving, at a **computing** device, from a playback service, a play list of a user, ... a playback service 106, user devices 108, 110, 112, a **file distribution** server, etc.

[Overview](#) - [Related](#) - [Discuss](#)

Methods and apparatus for electronic file use and management



www.google.com/patents/US8280615

Grant - Filed Aug 14, 2009 - Issued Oct 2, 2012 - Dean P. Alderucci - Cfph, Llc

send, to the playback device, at least a portion of the audio **file**; and ... adapted to ensure that **files** transmitted using the protocol are not stored or **copied**. 13. ... communicating, by a **computing** device, with a playback device: ... service 104, a playback service 106, user devices 108, 110, 112, a **file distribution** server, etc.

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System and method for electronic file transmission



www.google.com/patents/EP1999051A1?cl=en

App. - Filed Jan 31, 2002 - Published Aug 8, 2003 - Feng-Chia o/o Culture.Com Technology (Macau) Chi - Culture. Com. Technology (Macau) Ltd.

The present invention relates to a system and a method for **electronic file** ... 13 by means of **FTP** (File Transfer Protocol), or download the **electronic file** 113 from ...

[Overview](#) - [Related](#) - [Discuss](#)

Photo-server communication protocols on a ftp-like access network ...



www.google.com/patents/WO2002056202A2?cl=en

App. - Filed Feb 26, 2001 - Published Jul 18, 2002 - Eric Bodnar - Lightsurf Technologies, Inc.

A methodology for providing **FTP**-like server capability to a portable, ... In this fashion, a variety of host devices can access **digital** photos (or other **files** or objects) on ... Regardless of whether generic **FTP** or photo-specific **file**-serving protocols ...

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Method for auto uploading files and related computer-readable medium



www.google.com/patents/EP2211525A1?cl=en

App. - Filed Aug 3, 2009 - Published Jul 28, 2010 - Pei-Hung Lee - ZyXEL communications Corp.

If the present invention apply to **FTP** server as the second **electronic** device, this present invention program will auto **file** uploading to, at least ...

[Overview](#) - [Related](#) - [Discuss](#)

System and method for providing dispute resolution for electronic ...



www.google.com/patents/US8275705

Grant - Filed May 10, 2011 - Issued Sep 25, 2012 - Matthew Katz - Verifi, Inc.

The method of claim 17, wherein the **electronic file** transfer protocol comprises at least one of **FTP**, **SFTP**, **FTPS**, **HTTP**, **HTTPS**, **TELNET**, **SSH**, ...

[Overview](#) - [Related](#) - [Discuss](#)

System and method for providing dispute resolution for electronic ...



www.google.com/patents/US20130090018

App. - Filed Sep 21, 2012 - Published Mar 28, 2013 - Matthew G. Katz - Matthew G. Katz

Cardholders and other purchasers using an **electronic** payment provider ..., record using **electronic file** transfer protocols such as **FTP**, **SFTP**, ...

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Internet file system



www.google.com/patents/EP1876542A2?cl=en

App. - Filed Jul 26, 2000 - Published Jan 9, 2008 - Michael Roberts - Oracle Corporation

The **file** is generated from the data, and provided to the application. ... The present invention relates generally to **electronic file** systems, and in particular to a the **File** Transfer Protocol (**FTP**) and the protocols used by **electronic** mail systems ...

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Method and apparatus for collecting electronic signatures



www.google.com/patents/WO2002091145A1?cl=en

App. - Filed May 8, 2001 - Published Nov 14, 2002 - C. Samuel Baxter - Baxter, Samuel, C.

A method of collecting and authenticating **electronic** signatures and ... the first and second signatures, respectively, and the **electronically** signed document **file**. ... programs 160 that contains notary software program 165, and **FTP** client 170

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Upgrading electronic files of a mobile device upgrade client

www.google.com/patents/WO2005039161A1?cl=en


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Architecture for management of digital files across distributed ...


www.google.com/patents/WO2009062182A1?cl=en
 App. - Filed Nov 10, 2008 - Published May 14, 2009 - Michael R. Manzano - Michael R. Manzano
 The system of claim 1 wherein the user **modifying** an **electronic file** Email used in this way is even worse than **FTP** as the process is even ...
[Overview](#) - [Related](#) - [Discuss](#)


Electronic mail file access system


www.google.com/patents/EP1579264A2?cl=en
 App. - Filed Apr 24, 2002 - Published Sep 26, 2005 - A. James Parker - Attachstor, Inc.
 An **electronic mail file** access system (100) and associated methods permit a ... A **file** manager can grant one or more accessors viewing or **editing** access to a **file** ... communication protocols at various layers include ATM, TCP/IP, HTTP, **FTP**, ...
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Electronic mail file access system


www.google.com/patents/WO2003102721A2?cl=en
 App. - Filed Apr 24, 2002 - Published Dec 11, 2003 - A. James Parker - Attachstor, Inc.
 An **electronic mail file** access system (100) and associated methods permit a ... view or **edit** a **file** to access the **file** by transmitting an **electronic** message to the **file** ... communication protocols at various layers include ATM, TCP/IP, HTTP, **FTP**, ...
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System and method for electronic medical file management


www.google.com/patents/EP1393232A2?cl=en
 App. - Filed May 8, 2002 - Published Mar 3, 2004 - Rex William Akers - Healthcare Vision, Inc.
 A system for transferring **electronic medical files** is provided, such as for providing ... The medical record data is encapsulated to prevent **modification** of the medical ... (**FTP**) server, wherein each patient's medical record data **file** holds medical ...
[Overview](#) - [Related](#) - [Discuss](#)

System and method for electronic medical file management



www.google.com/patents/WO2002091126A2?cl=en
 App. - Filed May 8, 2002 - Published Nov 14, 2002 - Rex William Akers - Akers, William, Rex
 A system for transferring **electronic medical files** is provided, such as for providing ... The medical record data is encapsulated to prevent **modification** of the medical ... (**FTP**) server, wherein each patient's medical record data **file** holds medical ...
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Internet file system


www.google.com/patents/EP1876542A2?cl=en
 App. - Filed Jul 26, 2000 - Published Jan 9, 2008 - Michael Roberts - Oracle Corporation
 in response to a **change** made to a first version of a **file**, determining whether a first ... the **File Transfer Protocol (FTP)** and the protocols used by **electronic mail** ...
[Overview](#) - [Related](#) - [Discuss](#)

Modifying an electronic mail system to produce a secure delivery ...

www.google.com/patents/WO2002091131A2?cl=en
 App. - Filed May 10, 2002 - Published Nov 14, 2002 - Robert Gagne - Atabok Japan, Inc.

<i>Index of Claims</i> 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

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


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CLAIM		DATE								
Final	Original	06/20/2011	04/18/2012	07/01/2013						
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	2	✓	✓	✓						
	3	✓	✓	✓						
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	18	✓	✓	✓						
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	20	✓	✓	-						
	21			✓						

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<input type="checkbox"/>	L21	L20 and (updat\$3 near5 file\$1)	1103
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<input type="checkbox"/>	L13	L12 and copy\$3	1
<input type="checkbox"/>	L12	L11 and (file\$1 same shar\$3)	3
<input type="checkbox"/>	L11	L10 and (device\$1 same network\$3)	11
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<input type="checkbox"/>	L8	L7 and synchroniz\$3	1
<input type="checkbox"/>	L7	L6 and stor\$3	11
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<input type="checkbox"/>	L4	L3 and (modify\$3 near5 file\$1)	7
<input type="checkbox"/>	L3	L2 and (copy\$3 near5 file\$1)	91
<input type="checkbox"/>	L2	((backup or archiv\$3) and file\$1 and transfer\$3).ab. and @py<2008	502
<input type="checkbox"/>	L1	((backup or archiv\$3) and file\$1 and transfer\$3).ab. and @py<2007	423

END OF SEARCH HISTORY

Search Notes 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

CPC- SEARCHED		
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CPC COMBINATION SETS - SEARCHED		
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US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
707	999.204 limited text search	6/20/2011	JDE

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	6/20/2011	JDE
Double Patenting Search	6/20/2011	JDE
Searched in EAST in all DBs, history attached	6/20/2011	JDE
Searched in Google Patents with keywords	6/20/2011	JDE
Inventor searched	4/18/2012	sc
WEST search attached	4/18/2012	sc
google search attached	4/18/2012	sc
Inventor searched	7/1/2013	sc
PLUS search	7/1/2013	sc
WEST search attached	7/1/2013	sc
google search attached	7/1/2013	sc

INTERFERENCE SEARCH			
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PLUS Search Results for S/N 12267852, Searched Mon Jul 01 10:37:33 EDT 2013

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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5995944 99	5557780 99	5949043 99
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Request for Continued Examination (RCE) Transmittal

Address to:
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Application Number	12/267852
Filing Date	November 10, 2008
First Named Inventor	Michael R. Manzano
Art Unit	2157
Examiner Name	Channavajjala, Srirama T.
Attorney Docket Number	206217-1025-104

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

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

- Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
 - ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
 - ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - ☐ Other _____
 - ☒ Enclosed
 - ☒ Amendment/Reply
 - ☐ Affidavit(s)/ Declaration(s)
 - ☐ Information Disclosure Statement (IDS)
 - ☐ Other _____
- Miscellaneous**
 - ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(j) required)
 - ☐ Other _____
- Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to
 - ☒ Deposit Account No. 061629
 - ☒ RCE fee required under 37 CFR 1.17(e)
 - ☐ Extension of time fee (37 CFR 1.136 and 1.17)
 - ☐ Other _____
 - ☐ Check in the amount of \$ _____ enclosed
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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/P.G. Scott Born/	Date	July 26, 2012
Name (Print/Type)	P. G. Scott Born	Registration No.	40523

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

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This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, 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.

Instruction Sheet for RCEs

(not to be submitted to the USPTO)

NOTES:

An RCE is not a new application, and filing an RCE will not result in an application being accorded a new filing date.

Filing Qualifications:

The application must be a utility or plant application filed on or after June 8, 1995. The application cannot be a provisional application, a utility or plant application filed before June 8, 1995, a design application, or a patent under reexamination. See 37 CFR 1.114(e).

Filing Requirements:

Prosecution in the application must be closed. Prosecution is closed if the application is under appeal, or the last Office action is a final action, a notice of allowance, or an action that otherwise closes prosecution in the application (e.g., an Office action under *Ex parte Quayle*). See 37 CFR 1.114(b).

A submission and a fee are required at the time the RCE is filed. If reply to an Office action under 35 U.S.C. 132 is outstanding (e.g., the application is under final rejection), the submission must meet the reply requirements of 37 CFR 1.111. If there is no outstanding Office action, the submission can be an information disclosure statement, an amendment, new arguments, or new evidence. See 37 CFR 1.114(c). The submission may be a previously filed amendment (e.g., an amendment after final rejection).

WARNINGS:

Request for Suspension of Action:

All RCE filing requirements must be met before suspension of action is granted. A request for a suspension of action under 37 CFR 1.103(c) does not satisfy the submission requirement and does not permit the filing of the required submission to be suspended.

Improper RCE will NOT toll Any Time Period:

Before Appeal - If the RCE is improper (e.g., prosecution in the application is not closed or the submission or fee has not been filed) and the application is not under appeal, the time period set forth in the last Office action will continue to run and the application will be abandoned after the statutory time period has expired if a reply to the Office action is not timely filed. No additional time will be given to correct the improper RCE.

Under Appeal - If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.

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:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	P.G. Scott Born/Susan Grimes			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	2801	1	465	465
Total in USD (\$)				465

Electronic Acknowledgement Receipt

EFS ID:	13350901
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	P.G. Scott Born/Susan Grimes
Filer Authorized By:	P.G. Scott Born
Attorney Docket Number:	206217-1025-104
Receipt Date:	26-JUL-2012
Filing Date:	10-NOV-2008
Time Stamp:	16:47:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$465
RAM confirmation Number	4108
Deposit Account	061629
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 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment Submitted/Entered with Filing of CPA/RCE	206217-1025-104_RFOA.pdf	2540360 f362bdabfb83673fe423c7e0d83e6385c11b830b	no	9
Warnings:					
Information:					
2	Request for Continued Examination (RCE)	206217-1025-104_RCE.pdf	1844856 3295e085f4daded1250a4293b8300da81e0f3892	no	3
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30385 beee2badeee737b7a7dedb6ab8ac1f0fe9b9b89b	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			4415601		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael R. Manzano, et al. Attorney Docket No. 206217-1025-104
Serial No.: 12/267,852 Group Art Unit: 2157
Filing Date: November 10, 2008 Examiner: Channavajjala, Srirama T.
Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER OF PATENTS:

This paper is responsive to the Office Action of April 27, 2012.

Amendments to the claims begin at page 2 of this response.

Remarks begin at page 6 of this response.

REMARKS

Claims 1-20 are currently pending in the application and stand rejected. Claim 20 is canceled from the application. New claim 21 is submitted for entry into the application. No new matter has been added.

Specification

As U. S. Patent App. No. 11/739,083 remains a pending application, there is no known update to the status of said application to be provided. Additionally, regarding paragraph 5 of the instant Action, to the undersigned's knowledge, there was no amendment to the specification filed in this matter on 3/29/2010. As such, the Examiner is requested to clarify the meaning of the statements made in paragraph 5.

Rejections Under 35 U.S.C. § 102(b)

Claim 1

Claim 1 recites a first application executable on a first electronic device; a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device; wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

In contrast, the Applicant maintains the position that McBride does not teach or suggest that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document, as is required by the limitations of claim 1. For example, in the passages cited by the

Examiner, McBride fails to teach that the mirroring application functions to automatically transfer a modified file from the local backup data storage location to the backup data storage location accessed by the host computer via the Internet, or that the mirroring application functions to automatically transfer a modified file from the backup data storage location accessed by the host computer via the Internet to the local backup data storage location. Moreover, there is no indication, at all, in McBride of applications executable on the local backup or Internet backup.

The Examiner's Response to Arguments on pages 10-12, as well as the balance, of the instant Action fail to explain or demonstrate how McBride teaches that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document. This is a specific arrangement recited in claim 1, and it is respectfully submitted that the mirroring application of McBride that merely backs up modified source data to two or more locations simply does not read on such arrangement. If the Examiner disagrees with this assessment, the Examiner is respectfully requested to point out, with specificity, which specific elements taught in McBride correspond to (a) the first application, (b) the first device, (c) the first and second modified documents, and (d) the sources of the first and second modified documents. Alternatively, the Examiner is requested to withdraw this rejection.

Claim 11

Claim 11 is patentable for at least reasons similar to those discussed above with reference to claim 1.

Dependent Claims

All of the dependent claims are patentable for at least the reason of their respective dependencies from claims 1 and 11.

New Claim 21

New claim 21 is patentable for at least the reason that the cited reference fails to teach or suggest a second application operable to automatically transfer a copy of a modified first electronic file to a first electronic device subsequent to a user modifying the first electronic file with the second electronic device; and a third application operable to automatically transfer a copy of a modified second electronic file to the first electronic device subsequent to the user modifying the second electronic file with the third electronic device.

On page 3 of the Advisory Action of July 10, 2012, the Examiner states that “claim 21 is [identical] to claim 1, 11.” As discussed above, and as was pointed out by Applicant in the paper filed by Applicant on June 27, 2012, claim 21 is not identical to claims 1 and 11. As such, the Examiner is respectfully requested to more carefully consider claim 21 upon reconsideration of the application.

CONCLUSION

In view of the above, Applicant requests a finding of allowability for all pending claims. If the Examiner has any questions, the Examiner is invited to contact the undersigned. If the Examiner does not agree with the Applicant's position that all pending claims are allowable, the Examiner is respectfully requested to contact the undersigned to arrange a telephonic discussion of the application prior to issuing an Office Action.

Respectfully submitted,

FOSTER PEPPER^{PLLC}

/P. G. Scott Born/

P. G. Scott Born
Registration No. 40,523
Direct Dial: 206.218.3189

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/267,852		Filing Date 11/10/2008		<input type="checkbox"/> To be Mailed	
APPLICATION AS FILED – PART I										
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*	X \$	=		X \$	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=		X \$	=			
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).									
<input type="checkbox"/> 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		TOTAL			
APPLICATION AS AMENDED – PART II										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	07/26/2012	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	=	0		X \$	=	
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	=	0		X \$	=	
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE	0		TOTAL ADD'L FEE		
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=			X \$	=	
	Independent (37 CFR 1.16(h))	*	Minus	***	=			X \$	=	
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE			TOTAL ADD'L FEE		
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>										

Legal Instrument Examiner:
/BRENDA HARRISON/

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.

LISTING OF CLAIMS:

1. (Original) A system, comprising:
 - a first application executable on a first electronic device;
 - a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and
 - a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.
2. (Original) The system of claim 1 wherein the user modifying an electronic file comprises the user creating the electronic file.
3. (Previously Presented) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.
4. (Previously Presented) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device.
5. (Previously Presented) The system of claim 4 wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device.

6. (Previously Presented) The system of claim 1 wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

7. (Previously Presented) The system of claim 1 wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy.

8. (Previously Presented) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.

9. (Previously Presented) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

10. (Previously Presented) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.

11. (Previously Presented) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the method comprising:

subsequent to a user modifying the first electronic file, receiving from the first electronic device a copy of the modified first electronic file, the copy of the modified first electronic file being automatically provided by the first electronic device;

subsequent to a user modifying the second electronic file, receiving from the second electronic device a copy of the modified second electronic file, the copy of the modified second electronic file being automatically provided by the second electronic device;

automatically transferring the modified first electronic file copy to the second electronic device; and

automatically transferring the modified second electronic file copy to the first electronic device.

12. (Previously Presented) The method of claim 11 wherein the user modifying an electronic file comprises the user creating the electronic file.

13. (Previously Presented) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (Previously Presented) The method of claim 11 wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (Previously Presented) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component only if the second electronic device is not in communication with the electronic system.

16. (Previously Presented) The method of claim 11 wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

17. (Previously Presented) The method of claim 11 wherein the first electronic device is configured to replace an older version of the first electronic file stored on the first electronic device with the modified copy of the first electronic file.

18. (Previously Presented) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (Previously Presented) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. Canceled.

21. (New) A system, comprising:

a first application executable on a first electronic device;

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file with the second electronic

device, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file with the third electronic device, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104	7024

16579 7590 07/10/2012
Foster Pepper PLLC
1111 3rd Avenue Suite 3400
Seattle, WA 98101-3299

EXAMINER

CHANNAVAJALA, SRIRAMA T

ART UNIT	PAPER NUMBER
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2157

NOTIFICATION DATE	DELIVERY MODE
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07/10/2012

ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@foster.com

Advisory Action Before the Filing of an Appeal Brief	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157

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

THE REPLY FILED 27 June 2012 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.
NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.

b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires _____ months from the mailing date of the prior Advisory Action or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☐ will not be entered, or (b) ☒ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
 See Continuation Sheet.

12. ☐ Note the attached Information *Disclosure Statement(s)*. (PTO/SB/08) Paper No(s). _____

13. ☐ Other: _____.

STATUS OF CLAIMS

14. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____
 Claim(s) objected to: _____
 Claim(s) rejected: _____
 Claim(s) withdrawn from consideration: _____

	/Srirama Channavajjala/ Primary Examiner, Art Unit 2157
--	--

Continuation of 11. does NOT place the application in condition for allowance because: Claims: 1-19,21: The claimed invention is being anticipated by McBride et al. US Pub. No. 2002/0087588 as detailed in the last office action. [claim 21 is identical to claim 1,11]

STATUS OF CLAIMS:

14.. The status of the claim(s) is as follows:

Claim(s) rejected: 1-19,21

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Michael R. Manzano, et al.	Attorney Docket No.	206217-1025-101
Serial No.:	12/267,852	Group Art Unit:	2157
Filing Date:	November 10, 2008	Examiner:	Channavajjala, Srirama T.
Title:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER OF PATENTS:

This paper is responsive to the Office Action of April 27, 2012.

Amendments to the claims begin at page 2 of this response.

Remarks begin at page 8 of this response.

LISTING OF CLAIMS:

1. (Original) A system, comprising:

a first application executable on a first electronic device;

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

2. (Original) The system of claim 1 wherein the user modifying an electronic file comprises the user creating the electronic file.

3. (Previously Presented) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.

4. (Previously Presented) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device.

5. (Previously Presented) The system of claim 4 wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device.

6. (Previously Presented) The system of claim 1 wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

7. (Previously Presented) The system of claim 1 wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy.

8. (Previously Presented) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.

9. (Previously Presented) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

10. (Previously Presented) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.

11. (Previously Presented) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the method comprising:

subsequent to a user modifying the first electronic file, receiving from the first electronic device a copy of the modified first electronic file, the copy of the modified first electronic file being automatically provided by the first electronic device;

subsequent to a user modifying the second electronic file, receiving from the second electronic device a copy of the modified second electronic file, the copy of the modified second electronic file being automatically provided by the second electronic device;

automatically transferring the modified first electronic file copy to the second electronic device; and

automatically transferring the modified second electronic file copy to the first electronic device.

12. (Previously Presented) The method of claim 11 wherein the user modifying an electronic file comprises the user creating the electronic file.

13. (Previously Presented) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (Previously Presented) The method of claim 11 wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (Previously Presented) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component only if the second electronic device is not in communication with the electronic system.

16. (Previously Presented) The method of claim 11 wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

17. (Previously Presented) The method of claim 11 wherein the first electronic device is configured to replace an older version of the first electronic file stored on the first electronic device with the modified copy of the first electronic file.

18. (Previously Presented) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (Previously Presented) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. Canceled.

21. (New) A system, comprising:

a first application executable on a first electronic device;

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file with the second electronic device, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file with the third electronic device, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

REMARKS

Claims 1-20 are currently pending in the application and stand rejected. Claim 20 is canceled from the application. New claim 21 is submitted for entry into the application. No new matter has been added.

Specification

As U. S. Patent App. No. 11/739,083 remains a pending application, there is no known update to the status of said application to be provided. Additionally, regarding paragraph 5 of the instant Action, to the undersigned's knowledge, there was no amendment to the specification filed in this matter on 3/29/2010. As such, the Examiner is requested to clarify the meaning of the statements made in paragraph 5.

Rejections Under 35 U.S.C. § 102(b)

Claim 1

Claim 1 recites a first application executable on a first electronic device; a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device; wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

In contrast, the Applicant maintains the position that McBride does not teach or suggest that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document, as is required by the limitations of claim 1. For example, in the passages cited by the Examiner, McBride fails to teach that the mirroring application functions to automatically transfer a modified file from the local backup data storage location to the backup data storage location accessed by the host computer via the Internet, or that the mirroring application functions to automatically transfer a modified file from the backup data storage location accessed by the host computer via the Internet to the local backup data storage location. Moreover, there is no indication, at all, in McBride of applications executable on the local backup or Internet backup.

The Examiner's Response to Arguments on pages 10-12, as well as the balance, of the instant Action fail to explain or demonstrate how McBride teaches that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document. This is a specific arrangement recited in claim 1, and it is respectfully submitted that the mirroring application of McBride that merely backs up modified source data to two or more locations simply does not read on such arrangement. If the Examiner disagrees with this assessment, the Examiner is respectfully requested to point out, with specificity, which specific elements taught in McBride correspond to (a) the first application, (b) the first device, (c) the first and second modified documents, and (d) the sources of the first and second modified documents. Alternatively, the Examiner is requested to withdraw this rejection.

Claim 11

Claim 11 is patentable for at least reasons similar to those discussed above with reference to claim 1.

Dependent Claims

All of the dependent claims are patentable for at least the reason of their respective dependencies from claims 1 and 11.

New Claim 21

New claim 21 is patentable for at least the reason that the cited reference fails to teach or suggest a second application operable to automatically transfer a copy of a modified first electronic file to a first electronic device subsequent to a user modifying the first electronic file with the second electronic device; and a third application operable to automatically transfer a copy of a modified second electronic file to the first electronic device subsequent to the user modifying the second electronic file with the third electronic device.

CONCLUSION

In view of the above, Applicant requests a finding of allowability for all pending claims. If the Examiner has any questions, the Examiner is invited to contact the undersigned. If the Examiner does not agree with the Applicant's position that all pending claims are allowable, the Examiner is respectfully requested to contact the undersigned to arrange a telephonic discussion of the application prior to issuing an Office Action.

Respectfully submitted,

FOSTER PEPPER^{PLLC}

/P. G. Scott Born/

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Registration No. 40,523
Direct Dial: 206.218.3189

Electronic Acknowledgement Receipt

EFS ID:	13122281
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	P.G. Scott Born/Sharon S. Anderson
Filer Authorized By:	P.G. Scott Born
Attorney Docket Number:	206217-1025-104
Receipt Date:	27-JUN-2012
Filing Date:	10-NOV-2008
Time Stamp:	16:58:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		206217-1025RFOAx.pdf	37565 b3e923497a1f3f865f6f70ef0558b997af63c978	yes	10

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment After Final	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	10
Warnings:			
Information:			
Total Files Size (in bytes):		37565	
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>			

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/267,852		Filing Date 11/10/2008		<input type="checkbox"/> To be Mailed	
APPLICATION AS FILED – PART I										
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*	X \$	=		X \$	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=		X \$	=			
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).									
<input type="checkbox"/> 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		TOTAL			
APPLICATION AS AMENDED – PART II										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	06/27/2012	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X \$30 =	0		X \$	=
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0	X \$125 =	0		X \$	=
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE	0		TOTAL ADD'L FEE	
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$	=		X \$	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$	=		X \$	=
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE			TOTAL ADD'L FEE	
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>										

Legal Instrument Examiner:
/PAMELA YOUNG/

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

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/267,852	11/10/2008	Michael R. Manzano	206217-1025-104	7024
16579	7590	04/27/2012		
Foster Pepper PLLC 1111 3rd Avenue Suite 3400 Seattle, WA 98101-3299			EXAMINER CHANNAVAJALA, SRIRAMA T	
			ART UNIT 2157	PAPER NUMBER
			NOTIFICATION DATE 04/27/2012	DELIVERY MODE ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@foster.com

Office Action Summary	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner SRIRAMA CHANNAVAJJALA	Art Unit 2157	

-- 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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, 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 28 December 2011.
- 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) 1-20 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 10 November 2008 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).
- 12) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
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) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Response

1. Examiner acknowledges applicant response filed on 12/28/2011.

Drawings

2. The Drawings filed on 11/10/2008 are acceptable for examination purpose.

Priority

3. Applicant's claim for domestic priority under 35 U.S.C. 119(e) is acknowledged based on the provisional application 60/986,896 filed on 11/9/2007.

Specification

4. At page 7, para 0026, US application 11/739,083 is incorporated by reference, applicant is hereby required to update the status of this application in response to this office action.
5. Applicant has incorporated by reference US applications as amendments to the specification filed on 3/29/2010. Examiner notes that incorporation by reference of an application in a printed United States patent constitutes a special circumstance under 35 U.S.C. § 122 warranting that access of the original disclosure of the application be granted. The incorporation by reference will be interpreted as a waiver of confidentiality of only the original disclosure as filed, and not the entire application file, In re Gallo, 231 USPQ 496 (Comm'r Pat. 1986). If Applicant objects to access to the entire application file, two copies of the information incorporated by reference must be submitted along with the objection. Failure to provide the material within the period provided will result in the entire application (including prosecution) being made available

to petitioner. The Office will not attempt to separate the noted materials from the remainder of the application. Compare *In re Marsh Engineering Co.*, 1913 C.D. 183 (Comm'r Pat. 1913).

Claim Rejections - 35 USC § 102

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

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. ***Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by McBride et al. [hereafter McBride], US. Pub. No. 2002/0087588, published Jly 2002.***

7. With respect to claim 1, McBride discloses a system, comprising: a first application executable on a first electronic device ([0015] a host computer running a mirroring application);

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device ([0015-0016], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host

computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks' predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.); and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device ([0015-0016, 0022], Additionally, the mirroring application, upon detecting changes to the source data, also copies the source data to a local backup data storage location);

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device ([0015-0016, page 10, 0125], copies the source data to a backup data storage location and also copies the source data to a local backup data storage location).

8. Claim 11 recites similar limitations as claim 1 and is rejected under similar rationale.

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9. With respect to claim 2, McBride discloses wherein the user modifying an electronic file comprises the user creating the electronic file ([0125], when a data file (511) is created, it is automatically backed up to one or more backup data storage locations. Additionally, when any changes or alterations are made to any of the data files (511), those changes are also automatically mirrored to the backup copies of the files at the backup data storage locations).

10. Claim 12 recites similar limitations as claim 2 and is rejected under similar rationale.

11. With respect to claim 3, McBride discloses wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects ([0098]-[0099]; regarding each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe. Under the principles of the present invention, a "node" may be an electronic device with the capacity to store and use electronic data. For example, a node may be a computer such as a personal computer, a mobile telephone).

12. Claim 13 recites similar limitations as claim 3 and is rejected under similar rationale.

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13. With respect to claim 4, McBride discloses wherein the first application is configured to store the modified first electronic file copy to a memory device ([0015], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0016] The local backup data storage location may be a removable storage media in a removable storage media drive. Alternatively, the local backup data storage location may be a hard drive in the host computer or in a computer networked to the host computer).

14. Claim 14 recites similar limitations as claim 4 and is rejected under similar rationale.

15. With respect to claim 5, McBride discloses wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device ([0072] At step (222), the user can control whether the mirror application provides a warning if the designated data backup location is unavailable, for example, the designated mirror disk is not inserted in the appropriate drive. This can be done by checking or unchecking box (413) in FIG. 13).

16. Claim 15 recites similar limitations as claim 5 and is rejected under similar rationale.

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17. With respect to claim 6, McBride discloses wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file ([0155], mirror the source files and folders every time a file is saved to a designated source folder).

18. Claim 16 recites similar limitations as claim 6 and is rejected under similar rationale.

19. With respect to claim 7, McBride discloses wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy ([0070] At step (220), the user can turn on or off the mirroring of revisions to the files in the source folder. This is done using the "Revisions" radio buttons (411) in FIG. 13. If the "Revisions" feature of the application is activated, each time a data file is mirrored to the backup data storage location, a new numbered version of the file will be stored at the backup data storage location. If the "Revisions" feature is not activated, the mirror application of the present invention will overwrite the previous corresponding backup file in the backup data storage location each time the source file is mirrored).

20. Claim 17 recites similar limitations as claim 7 and is rejected under similar rationale.

21. With respect to claim 8, McBride discloses wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device ([0098]-[0099]; each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe Also, see [0015], a host computer running a mirroring application).

22. Claim 18 recites similar limitations as claim 8 and is rejected under similar rationale.

23. With respect to claim 9, McBride discloses wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object ([0015], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

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24. Claim 19 recites similar limitations as claim 9 and is rejected under similar rationale.

25. With respect to claim 10, McBride discloses wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device ([0015-0016], The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

26. Claim 20 recites similar limitations as claim 10 and is rejected under similar rationale.

Response to Arguments

27. Applicant's arguments at page 7-8 with respect to claims 1-20 filed 12/28/2011 have been fully considered but they are not persuasive, for examiner's response, see discussion below:

a) At page 7-8, applicant argues the following:

Prior art McBride does not teach or suggest that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document, as is required by the limitations of claim 1.McBride fails to teach that the mirroring application functions to automatically transfer a modified file from the local backup data storage location to the backup data storage location accessed by the host computer via the Internet, or that the mirroring application Functions to automatically transfer a modified file from the backup data storage location accessed by the host computer via the Internet to the local backup data storage location. Moreover, there is no indication, at all, in McBride of applications executable on the local backup or Internet backup.

As to the above argument [a],

PRINCIPLES OF LAW

In rejecting claims under 35 U.S.C. § 102, "[a] single prior art reference that

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discloses, either expressly or inherently, each limitation of a claim invalidates that claim by anticipation." *Perricone v. Medicis Pharmaceutical Corp.*, 432 F.3d 1368, 1375 (Fed. Cir. 2005) (citing *Minn. Mining & Mfg. Co. v. Johnson & Johnson Orthopaedics, Inc.*, 976 F.2d 1559, 1565 (Fed. Cir. 1992)).

Analysis of whether a claim is patentable over the prior art under 35 U.S.C. § 102 begins with a determination of the scope of the claim. Examiner determine the scope of the claims in patent applications not solely on the basis of the claim language, but upon giving claims their broadest reasonable construction in light of the specification as it would be interpreted by one of ordinary skill in the art. *In re Am. Acad. of Sci. Tech Ctr.*, 367 F.3d 1359, 1364 (Fed. Cir. 2004). The properly interpreted claim must then be compared with the prior art.

If the Examiner's burden is met, the burden then shifts to the Appellants to overcome the prima facie case with argument and/or evidence. Obviousness is then determined on the basis of the evidence as a whole and the relative persuasiveness of the arguments. See *In re Oetiker*, 977 F.2d 1443, 1445 (Fed. Cir. 1992).

In this case, the prior art of reference McBride is firstly directed to electronic data files storage and backup data storage locations [Abstract] in a computer network environment [fig 14-15] is identical to instant specification drawing fig 2; secondly, McBride specifically teaches user devices such as personal digital assistant, personal computer with a web based application connected in a communication network environment [fig 14-15, page 7, 0099page 8, 0101-0105] is identical to the instant specification drawing fig 2 particularly user device, 210, computer system 260

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connected to a network [element 220]. It is noted that McBride specifically teaches automatically transfer and/or copy data and/or files between devices in a network environment [McBride: page 10, 0127, 0129, page 12, 0143], further it is also noted that McBride supports user interface with menu options that including edit for example as detailed fig 28, element 587, page 12, 0150] corresponds to updating and/or modifying file data with respect to storage location. Thirdly, McBride also supports detecting changes and copies on backup data storage location [page 2, 0015, page 2, 0022 reads on the limitation "third applicationsubsequent to theelectronic device, and finally, McBride also supports transfer the modified files [page 8,0106-0107].

Examiner applies above arguments to claims 2-10,12-20 depend from claims 1,11

Therefore, Applicant's remarks are deemed not to be persuasive, and claims 1-20 stand rejected under 35 USC 102(b) as being clearly anticipated by McBride.

Conclusion

The prior art made of record

a. US Pub. No. 2002/0087588

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Examiner's Note: Examiner has cited particular columns and line numbers in the references applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

SEE MPEP 2141.02 [R-5] VI. PRIOR ART MUST BE CONSIDERED IN ITS ENTIRETY, INCLUDING DISCLOSURES THAT TEACH AWAY FROM THE CLAIMS: A prior art reference must be considered in its entirety, i.e., as a whole, including portions that would lead away from the claimed invention. W.L. Gore & Associates, Inc. v. Garlock, Inc., 721 F.2d 1540, 220 USPQ 303 (Fed. Cir. 1983), cert. denied, 469 U.S. 851 (1984) In re Fulton, 391 F.3d 1195, 1201,73 USPQ2d 1141, 1146 (Fed. Cir. 2004). >See also MPEP §2123.

In the case of amending the Claimed invention, Applicant is respectfully requested to indicate the portion(s) of the specification which dictate(s) the structure relied on for proper interpretation and also to verify and ascertain the metes and bounds of the claimed invention.

The prior art made of record, listed on form PTO-892, and not relied upon, if any, is considered pertinent to applicant's disclosure.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim, Charles, can be reached on (571) 272-7421. The fax phone numbers for the organization where the 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)

/Srirama Channavajjala/
Primary Examiner, Art Unit 2157.

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Method and system for re-synchronizing an asynchronous mirror...www.google.com/patents/US7437601

US Pat. 7437601 - Filed Mar 8, 2005 - Issued Oct 14, 2008 - Network Appliance, Inc.

The asynchronous data mirroring system is configured so that periodically, the **backup storage device** is **synchronized** with 35 the primary **storage device**.

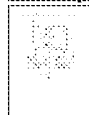
Overview - Abstract - Drawing - Description - Claims

DATA BACKUP FOR A MOBILE COMPUTING DEVICEwww.google.com/patents/US20080307284

US Pat. App 12134154 - Filed Jun 5, 2008

The data **files stored** on **device** 100 and server 232 may comprise compressed ...The **synchronization** step downloads 100 contacts, 100 calendar entries and 100 ...

Overview - Abstract - Drawing - Description - Claims

Backing up source files in their native file formats to a target...www.google.com/patents/US20070067935

US Pat. App 11193280 - Filed Jul 26, 2005

Replication or **synchronization backup** programs copy **files** in their native **file** format to a **backup storage device** to store the **files** in their native **file** ...

Overview - Abstract - Drawing - Description - Claims

Wireless system and method for managing logical documentswww.google.com/patents/US20070180084

US Pat. App 11344679 - Filed Feb 1, 2006

These defaults may provide for basic **synchronization, backup, ...** These selected **devices** are where instances of the **file** or **storage** units are **stored**.

Overview - Abstract - Drawing - Description - Claims

System and method for computer backup and recovery using...www.google.com/patents/US20060200638

US Pat. App 11073878 - Filed Mar 7, 2005

[0048] To perform this update, first the user must ensure that the **backup storage device** is once again connected to the computer system. A **file-copy** ...

Overview - Abstract - Drawing - Description - Claims

Computer Storage Synchronization and Backup Systemwww.google.com/patents/US20100267407

US Pat. App 12628753 - Filed Dec 1, 2009 - SIEMENS MEDICAL SOLUTIONS USA, INC.

[0026] In one embodiment, the **file** in **backup** computer **storage** medium 27 and the **file** ... [0027] A processor as used herein is a computer, processing **device**, ...

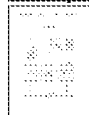
Overview - Abstract - Drawing - Description - Claims

Electronic device with an automatic backup functionwww.google.com/patents/US7415568

US Pat. 7415568 - Filed Jun 22, 2006 - Issued Aug 19, 2008 - ASUSTeK Computer Inc.

A second data stream is **stored** as a first **file** in the first **storage** unit 130 ... meanwhile, the data-**sync** chipset 120 can **backup** the modified **file** to the 25 ...

Overview - Abstract - Drawing - Description - Claims

Management of file extent mapping to hasten mirror breaking in...www.google.com/patents/US6634725

US Pat. 6634725 - Filed Dec 28, 2001 - Issued Aug 23, 2005 - EMC Corporation

With a mirrored **backup**, data on the primary disk is first **synchronized** onto the mirror, and later moved from the mirror to the **backup storage devices**.

Overview - Abstract - Drawing - Description - Claims

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METHOD FOR SYNCHRONIZING CONTENTS FILE AND DEVICE FOR EMPLOYING ...



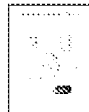
www.google.com/patents/US20090271447

US Pat. App. 12431473 - Filed Apr 28, 2008

[0004] Moreover, in a case of a binary **file** such as a picture or MP3 **file**, there is still no technology for automatic **synchronization** or **backup**.

Overview - Abstract - Drawing - Description - Claims

Method For a Cloud-Based Meta-File System to Virtually Unify ...



www.google.com/patents/US20100267219

US Pat. App. 12774231 - Filed May 5, 2010

The online **backup/storage** based **file** replication software is a blend of ... each with varying **storage** capacity, **synchronization** across all **devices** for all ...

Overview - Abstract - Drawing - Description - Claims

STORAGE SERVICE DEVICE WITH DUAL CONTROLLER AND BACKUP METHOD THEREOF



www.google.com/patents/US20100250632

US Pat. App. 12414338 - Filed Mar 30, 2009 - INVENTEC CORPORATION

The battery **backup** assures that the **storage** system can save the **files** of the ... a periodic **backup** procedure is executed to **synchronize** and **back up** the ...

Overview - Abstract - Drawing - Description - Claims

FILE MANAGEMENT SYSTEM, FILE MANAGEMENT METHOD, FILE MANAGEMENT ...



www.google.com/patents/US20080284700

US Pat. App. 12125983 - Filed May 23, 2008 - NEC CORPORATION

Here, an exemplary embodiment of taking **backups** of the **file** stored in the external **storage device** connected to the PC in an ...

Overview - Abstract - Drawing - Description - Claims

AUTOMATIC USER DEVICE BACKUP



www.google.com/patents/US20110233626

US Pat. App. 12730785 - Filed Mar 24, 2010 - VERIZON PATENT AND LICENSING, INC.

Global server 230 may also perform **synchronization** operations by communicating with user **device** 210 to determine which **files, stored** on user **device** 210, ...

Overview - Abstract - Drawing - Description - Claims

RESTORING OF DATA TO MOBILE COMPUTING DEVICE



www.google.com/patents/US20090307333

US Pat. App. 12134156 - Filed Jun 5, 2008

[0055] A **backup** server or **storage device** 310 may be configured to store ... [0056] **Backup** data sources 300 may further comprise one or more **synchronization** ...

Overview - Abstract - Drawing - Description - Claims

Managed peer-to-peer applications, systems and methods for ...



www.google.com/patents/US7587467

US Pat. 7587467 - Filed Nov 13, 2004 - Issued Sep 8, 2006 - Western Digital Technologies, Inc.

51 access to one or more **files** containing the pictures of the grandchildren ... A **device** module may be designated as a central **storage** for **backup** services, ...

Overview - Abstract - Drawing - Description - Claims

UNIVERSALLY ACCESSIBLE ENCRYPTED INTERNET FILE SYSTEM FOR WIRED ...

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Restrict by issue date

Any filing status

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Issued patents

Any patent type

Utility

Design

Plant

Defensive

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Additional Improvement

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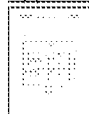
Filing date, oldest

Data Backup for Mobile Devicewww.google.com/patents/US20080168245

US Pat. App 11679114 - Filed Feb 28, 2007

... of a **backup** process and **stored** to a preferences **file** for subsequent use. ...The **synchronization** process is, for example, performed by a media **device**.

Overview - Abstract - Drawing - Description - Claims

Apparatus, system, and method for providing a backup configuration ...www.google.com/patents/US7984323US Pat. 7984323 - Filed Jul 17, 2009 - Issued Jul 19, 2011 - International Business
Machines CorporationThe programmable hardware **device** 104 may thus emulate the implemented
digital circuit ... a configuration **file** further comprises a **synchronization** key
that ...

Overview - Abstract - Drawing - Description - Claims

**SYSTEM AND METHOD FOR SYNCHRONIZING ENCRYPTED DATA ON A
DEVICE ...**www.google.com/patents/US20110252236

US Pat. App 12756123 - Filed Apr 7, 2010 - Apple Inc.

Once the system decrypts the **files**, the system can **synchronize** data with the ...
the various key bags are **stored** as follows: the **device** stores the **backup** ...

Overview - Abstract - Drawing - Description - Claims

Method of lazily replicating files and monitoring log in backup ...www.google.com/patents/US7051053

US Pat. 7051053 - Filed Sep 30, 2002 - Issued May 23, 2006

Immediately following renaming, a **file** named "**backup.doc**" exists on the first
computer **storage device** and a **file** named "sample.doc" 65 no longer exists.

Overview - Abstract - Drawing - Description - Claims

**SYSTEM AND METHOD FOR BACKING UP AND RESTORING FILES
ENCRYPTED ...**www.google.com/patents/US20110252233

US Pat. App 12756148 - Filed Apr 7, 2010 - Apple Inc.

A first **device** sends a **stored sync** ticket to the second **device** having **file**-level
data protection (2210) and synchronizes data with the second **device** based ...

Overview - Abstract - Drawing - Description - Claims

System and method for optimizing storage operations by operating ...www.google.com/patents/US7293154US Pat. 7293154 - Filed Nov 18, 2004 - Issued Nov 6, 2007 - Symantec Operating
CorporationFor example, some **backup** servers may be configurable to **back up** data either at
a **file** level or at a block or "raw **device**" level.

Overview - Abstract - Drawing - Description - Claims

Synchronization of selected data from snapshots stored on ...www.google.com/patents/US7523276US Pat. 7523276 - Filed Jun 30, 2003 - Issued Apr 21, 2009 - Veritas Software
CorporationWith respect to **backup** copies of primary data, preferably the **storage devices** of
a volume are direct access **storage devices** such as disks rather than ...

Overview - Abstract - Drawing - Description - Claims

USER INTERFACE FOR PORTABLE STORAGE DEVICESwww.google.com/patents/US20090229823

US Pat. App 12043956 - Filed Mar 7, 2008 - MICROSOFT CORPORATION

... with a host system for implementing a portable **storage device** user interface ...
... between the **synchronization** process versus the **backup** process.

Overview - Abstract - Drawing - Description - Claims

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Prior Art

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<input type="checkbox"/>	L14	L13 and edit\$3	1
<input type="checkbox"/>	L13	L12 and copy\$3	1
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<input type="checkbox"/>	L11	L10 and (device\$1 same network\$3)	11
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<input type="checkbox"/>	L1	((backup or archiv\$3) and file\$1 and transfer\$3).ab. and @py<2007	423

END OF SEARCH HISTORY

Inventor Information for 12/267852


Inventor Name	City	State/Country
MANZANO, MICHAEL R.	SEATTLE	WASHINGTON

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Search Notes 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

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Class	Subclass	Date	Examiner
707	999.204 limited text search	6/20/2011	JDE

SEARCH NOTES		
Search Notes	Date	Examiner
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Searched in EAST in all DBs, history attached	6/20/2011	JDE
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Class	Subclass	Date	Examiner

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

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE							
Final	Original	06/20/2011	04/18/2012						
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	19	✓	✓						
	20	✓	✓						

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Topia TechnologyApplication No./Patent No.: 12267852Filed/Issue Date: 10 November 2008

Titled:

Topia Technology, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

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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(b)(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

Date

Janine Terrano

President & CEO

Printed or Typed Name

Title

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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POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	12267852
	Filing Date	10 November 2008
	First Named Inventor	Michael R. Manzano
	Title	Architecture For Management Of Digital Files Across Distributed Network
	Art Unit	2157
	Examiner Name	Engelskirchen, Jeremy D
	Attorney Docket Number	206217-1025-109

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

16579

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

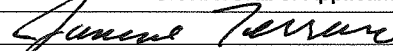
I am the:

☐ Applicant/Inventor.

OR

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

☐ Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.
SIGNATURE of Applicant or Assignee of Record

Signature		Date	2/6/12
Name	Janine Terrano	Telephone	
Title and Company	President & CEO, Topia Technology		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

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.**

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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.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Topia TechnologyApplication No./Patent No.: 12267852Filed/Issue Date: 10 November 2008

Titled:

Topia Technology, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

- 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 022188, Frame 0579, or for which a copy therefore is attached.

OR

- 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.

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.☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

- ☐ As required by 37 CFR 3.73(b)(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

Janine Terrano

Printed or Typed Name

Date

President & CEO

Title

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.**

Electronic Acknowledgement Receipt

EFS ID:	12386365
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	P.G. Scott Born/Sharon S. Anderson
Filer Authorized By:	P.G. Scott Born
Attorney Docket Number:	206217-1025-104
Receipt Date:	24-MAR-2012
Filing Date:	10-NOV-2008
Time Stamp:	14:24:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Assignee showing of ownership per 37 CFR 3.73(b).	12267852SB96.pdf	131874 6c03aac775469f434aeb54c2b0f78959eab70595	no	1

Warnings:

Information:

Box & Dropbox Exhibit 1007

2	Oath or Declaration filed	12267852SB81.pdf	155541 062bc690040c883f630daa61d4c03d5e3dcaa81	no	2
Warnings:					
Information:					
Total Files Size (in bytes):				287415	
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Michael R. Manzano, et al.	Attorney Docket No.	TPTC-1-1026
Serial No.:	12/267,852	Group Art Unit:	2157
Filing Date:	November 10, 2008	Examiner:	Engelskirchen, Jeremy D.
Title:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER OF PATENTS:

This paper is responsive to the Office Action of June 29, 2011.

Listing of claims begins at page 2 of this response.

Remarks begin at page 7 of this response.

LISTING OF CLAIMS:

1. (Original) A system, comprising:

a first application executable on a first electronic device;

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

2. (Original) The system of claim 1 wherein the user modifying an electronic file comprises the user creating the electronic file.

3. (Previously Presented) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.

4. (Previously Presented) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device.

5. (Previously Presented) The system of claim 4 wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device.

6. (Previously Presented) The system of claim 1 wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

7. (Previously Presented) The system of claim 1 wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy.

8. (Previously Presented) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.

9. (Previously Presented) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

10. (Previously Presented) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.

11. (Previously Presented) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the method comprising:

subsequent to a user modifying the first electronic file, receiving from the first electronic device a copy of the modified first electronic file, the copy of the modified first electronic file being automatically provided by the first electronic device;

subsequent to a user modifying the second electronic file, receiving from the second electronic device a copy of the modified second electronic file, the copy of the modified second electronic file being automatically provided by the second electronic device;

automatically transferring the modified first electronic file copy to the second electronic device; and

automatically transferring the modified second electronic file copy to the first electronic device.

12. (Previously Presented) The method of claim 11 wherein the user modifying an electronic file comprises the user creating the electronic file.

13. (Previously Presented) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (Previously Presented) The method of claim 11 wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (Previously Presented) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component only if the second electronic device is not in communication with the electronic system.

16. (Previously Presented) The method of claim 11 wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

17. (Previously Presented) The method of claim 11 wherein the first electronic device is configured to replace an older version of the first electronic file stored on the first electronic device with the modified copy of the first electronic file.

18. (Previously Presented) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (Previously Presented) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. (Previously Presented) The method of claim 19 wherein the proxy object is operable to store the copy of the modified first electronic file in the storage component.

REMARKS

Claims 1-20 are currently pending in the application and stand rejected. No claims are amended in this paper; the listing of claims is provided solely for the convenience of the Examiner.

Rejections Under 35 U.S.C. § 102(b)

Claim 1

Claim 1 recites a first application executable on a first electronic device; a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device; wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

In contrast, McBride does not teach or suggest that a first application on a first device transfers a first modified document to the source of a second modified document, and the second modified document to the source of the first modified document, as is required by the limitations of claim 1. For example, in the passages cited by the Examiner, McBride fails to teach that the mirroring application functions to automatically transfer a modified file from the local backup data storage location to the backup data storage location accessed by the host computer via the Internet, or that the mirroring application functions to automatically transfer a modified file from the backup data storage location accessed by the host computer via the Internet to the local

backup data storage location. Moreover, there is no indication, at all, in McBride of applications executable on the local backup or Internet backup.

Accordingly, for at least the above reasons, claim 1 is not anticipated or rendered obvious by McBride.

Claim 11

Claim 11 is patentable for at least reasons similar to those discussed above with reference to claim 1.

Dependent Claims

All of the dependent claims are patentable for at least the reason of their respective dependencies from claims 1 and 11.

CONCLUSION

In view of the above, Applicant requests a finding of allowability for all pending claims. If the Examiner has any questions, the Examiner is invited to contact the undersigned. If the Examiner does not agree with the Applicant's position that all pending claims are allowable, the Examiner is respectfully requested to contact the undersigned to arrange a telephonic discussion of the application prior to issuing an Office Action.

Respectfully submitted,

FOSTER PEPPER^{PLLC}

/P. G. Scott Born/

P. G. Scott Born
Registration No. 40,523
Direct Dial: 206.218.3189

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	P.G. Scott Born/Sharon S Anderson			
Attorney Docket Number:	206217-1025-104			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with \$0 paid	2253	1	Box & Dropbox Exhibit 1007	635

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				635

Electronic Acknowledgement Receipt

EFS ID:	11722029
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	16579
Filer:	P.G. Scott Born/Sharon S Anderson
Filer Authorized By:	P.G. Scott Born
Attorney Docket Number:	206217-1025-104
Receipt Date:	28-DEC-2011
Filing Date:	10-NOV-2008
Time Stamp:	17:18:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$635
RAM confirmation Number	3680
Deposit Account	061629
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Msg & Digest Part/zip	Multi Part/zip	Pages (if appl.)
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Information:					
2		TPTC-1-1026xROA_6-29-11_.pdf	34108 0ce8bd237c20c3d3bb087b6f7ee308c22b4c747f	yes	8
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	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	6	
	Applicant Arguments/Remarks Made in an Amendment		7	8	
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30497 d0f218817af4b9ed96d8d426323c538a74556346	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			351081		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)	Docket Number (Optional) TPTC-1-1026
Application Number 12/267,852	Filed 11-10-2008
For ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK	
Art Unit 2157	Examiner ENGELSKIRCHEN, JEREMY D

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	<u>Fee</u>	<u>Small Entity Fee</u>	
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$150	\$75	\$ _____
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$560	\$280	\$ _____
<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1270	\$635	\$ <u>635</u>
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1980	\$990	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2690	\$1345	\$ _____

☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 061629.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the ☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 40523

☐ attorney or agent under 37 CFR 1.34.
Registration number if acting under 37 CFR 1.34 _____

/P.G. Scott Born/

Signature

P.G. Scott Born

Typed or printed name

2011-12-27

Date

206-447-6254

Telephone Number

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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.

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.

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/267,852		Filing Date 11/10/2008		<input type="checkbox"/> To be Mailed	
APPLICATION AS FILED – PART I										
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*	X \$	=	OR	X \$	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=		X \$	=			
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).									
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.										
APPLICATION AS AMENDED – PART II										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	12/28/2011	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	=	0	OR	X \$	=	
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	=	0	OR	X \$	=	
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE		
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	Total (37 CFR 1.16(i))	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=		OR	X \$	=	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		OR	X \$	=	
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

Legal Instrument Examiner:
/ANGELA s. WHITE/

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

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



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APPLICATION NUMBER	PATENT NUMBER	GROUP ART UNIT	FILE WRAPPER LOCATION
12/267,852		2157	



Correspondence Address/Fee Address Change

The following fields have been set to Customer Number 16579 on 10/24/2011

- Correspondence Address
- Maintenance Fee Address

The address of record for Customer Number 16579 is:

16579
Foster Pepper PLLC
1111 3rd Avenue Suite 3400
Seattle, WA 98101-3299



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/267,852	11/10/2008	Michael R. Manzano	TPTC-1-1026	7024

25315 7590 06/29/2011
BLACK LOWE & GRAHAM, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

EXAMINER

ENGELSKIRCHEN, JEREMY D

ART UNIT	PAPER NUMBER
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2157

NOTIFICATION DATE	DELIVERY MODE
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06/29/2011

ELECTRONIC

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

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

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing-patent@blacklaw.com
blgdocketing@blacklaw.com

Office Action Summary	Application No. 12/267,852	Applicant(s) MANZANO, MICHAEL R.	
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157	

-- 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 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

- 1) ☒ Responsive to communication(s) filed on 10 November 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ 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

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 November 2008 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).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

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).
- a) ☐ All b) ☐ Some * c) ☐ None of:
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) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>2/12/2009</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20 are pending.

Claim Rejections - 35 USC § 102

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

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-20 rejected under 35 U.S.C. 102(b) as being anticipated by McBride et al. (Pub. No. US 2002/0087588), hereinafter McBride.**

4. With respect to claim 1, McBride discloses a system, comprising: a first application executable on a first electronic device ([0015] *a host computer running a mirroring application*); a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device ([0015], *The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed,*

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the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.); and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device ([0015], *Additionally, the mirroring application, upon detecting changes to the source data, also copies the source data to a local backup data storage location*);

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device ([0015], *copies the source data to a backup data storage location and also copies the source data to a local backup data storage location*).

5. Claim 11 recites similar limitations as claim 1 and is rejected under similar rationale.

6. With respect to claim 2, McBride discloses wherein the user modifying an electronic file comprises the user creating the electronic file ([0125], *when a data file (511) is created, it is automatically backed up to one or more backup data storage locations. Additionally, when any changes or alterations are made to any of the data files (511), those changes are also automatically mirrored to the backup copies of the files at the backup data storage locations*).

7. Claim 12 recites similar limitations as claim 2 and is rejected under similar rationale.

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8. With respect to claim 3, McBride discloses wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects ([0098]-[0099]; regarding *each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe. Under the principles of the present invention, a "node" may be an electronic device with the capacity to store and use electronic data. For example, a node may be a computer such as a personal computer, a mobile telephone*).

9. Claim 13 recites similar limitations as claim 3 and is rejected under similar rationale.

10. With respect to claim 4, McBride discloses wherein the first application is configured to store the modified first electronic file copy to a memory device ([0015], *The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0016] The local backup data storage location may be a removable storage media in a removable storage media drive. Alternatively, the local backup data storage location may be a hard drive in the host computer or in a computer networked to the host computer*).

11. Claim 14 recites similar limitations as claim 4 and is rejected under similar rationale.

12. With respect to claim 5, McBride discloses wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device ([0072] *At step (222), the user can control whether the mirror application provides a warning if the designated data backup*

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location is unavailable, for example, the designated mirror disk is not inserted in the appropriate drive. This can be done by checking or unchecking box (413) in FIG. 13).

13. Claim 15 recites similar limitations as claim 5 and is rejected under similar rationale.

14. With respect to claim 6, McBride discloses wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file ([0155], *mirror the source files and folders every time a file is saved to a designated source folder*).

15. Claim 16 recites similar limitations as claim 6 and is rejected under similar rationale.

16. With respect to claim 7, McBride discloses wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy ([0070] *At step (220), the user can turn on or off the mirroring of revisions to the files in the source folder. This is done using the "Revisions" radio buttons (411) in FIG. 13. If the "Revisions" feature of the application is activated, each time a data file is mirrored to the backup data storage location, a new numbered version of the file will be stored at the backup data storage location. If the "Revisions" feature is not activated, the mirror application of the present invention will overwrite the previous corresponding backup file in the backup data storage location each time the source file is mirrored*).

17. Claim 17 recites similar limitations as claim 7 and is rejected under similar rationale.

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18. With respect to claim 8, McBride discloses wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device ([0098]-[0099]; *each node is provided with an agent that detects changes and then orchestrates transmission of the changes to other nodes in the universe* Also, see [0015], *a host computer running a mirroring application*).

19. Claim 18 recites similar limitations as claim 8 and is rejected under similar rationale.

20. With respect to claim 9, McBride discloses wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object ([0015], *The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.*).

21. Claim 19 recites similar limitations as claim 9 and is rejected under similar rationale.

22. With respect to claim 10, McBride discloses wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device ([0015], *The mirroring application monitors the source data for change and, upon detecting changes to the source data, copies the source data to a backup data storage location*

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accessed by the host computer via the Internet. Also, see [0106], a mirroring agent application running at each node periodically checks predetermined files and/or data to determine whether such files/data have changed. Upon the agent at the node finding that a file/data has changed, the agent commences to check with agents at other pre-determined nodes to see whether the file/data needs to be updated at the other nodes.).

23. Claim 20 recites similar limitations as claim 10 and is rejected under similar rationale.

Conclusion

The prior art made of record, listed on form PTO-892, and not relied upon, if any, is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEREMY ENGELSKIRCHEN whose telephone number is (571)270-1903. The examiner can normally be reached on Mon.-Thurs. 10:00 am-7:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Kim can be reached on (571) 272-7421. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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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.

/Jeremy D Engelskirchen/
Examiner, Art Unit 2157

/CHARLES KIM/
Supervisory Patent Examiner, Art Unit 2157

Notice of References Cited	Application/Control No. 12/267,852		Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.	
	Examiner JEREMY ENGELSKIRCHEN		Art Unit 2157	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,026,414 A	02-2000	Anglin, Matthew Joseph	1/1
*	B	US-6,154,817 A	11-2000	Mohan et al.	711/162
*	C	US-6,260,069 B1	07-2001	Anglin, Matthew Joseph	709/229
*	D	US-2002/0087588 A1	07-2002	McBride et al.	707/204
*	E	US-6,606,646 B2	08-2003	Feigenbaum, Idan	709/203
*	F	US-2004/0093361 A1	05-2004	Therrien et al.	707/204
*	G	US-7,024,428 B1	04-2006	Huang et al.	1/1
*	H	US-7,136,934 B2	11-2006	Carter et al.	709/248
*	I	US-2007/0100913 A1	05-2007	Sumner et al.	707/204
*	J	US-7,224,973 B2	05-2007	Tsutazawa et al.	455/437
*	K	US-7,788,303 B2	08-2010	Mikesell et al.	707/828
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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




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BIB DATA SHEET

CONFIRMATION NO. 7024

SERIAL NUMBER 12/267,852	FILING or 371(c) DATE 11/10/2008 RULE	CLASS 707	GROUP ART UNIT 2157	ATTORNEY DOCKET NO. TPTC-1-1026	
APPLICANTS Michael R. Manzano, Seattle, WA; ** CONTINUING DATA ***** This appln claims benefit of 60/986,896 11/09/2007 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 11/21/2008					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /JEREMY D ENGELSKIRCHEN/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY WA	SHEETS DRAWINGS 3	TOTAL CLAIMS 2	INDEPENDENT CLAIMS 1
ADDRESS BLACK LOWE & GRAHAM, PLLC 701 FIFTH AVENUE SUITE 4800 SEATTLE, WA 98104 UNITED STATES					
TITLE ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK					
FILING FEE RECEIVED 527	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		


Search Notes 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

SEARCHED			
Class	Subclass	Date	Examiner
707	999.204 limited text search	6/20/2011	JDE

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	6/20/2011	JDE
Double Patenting Search	6/20/2011	JDE
Searched in EAST in all DBs, history attached	6/20/2011	JDE
Searched in Google Patents with keywords	6/20/2011	JDE

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

/J.E./ Examiner.Art Unit 2157	
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<i>Index of Claims</i> 	Application/Control No. 12267852	Applicant(s)/Patent Under Reexamination MANZANO, MICHAEL R.
	Examiner JEREMY ENGELSKIRCHEN	Art Unit 2157

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

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47			
CLAIM		DATE							
Final	Original	06/20/2011							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
	8	✓							
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	16	✓							
	17	✓							
	18	✓							
	19	✓							
	20	✓							

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6606646".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:41
L2	1	"20060101151".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:41
L3	326	(manag\$3 with file\$1 with updat\$3) and version\$1 and (redundan\$3 with stor \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:42
L4	19	3 and 707/999.204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:43
L5	90	3 and detect\$3 with chang\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:45
L6	19	4 and 707/999.204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:45
L7	3	5 and 707/999.204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:45
L8	0	6 and proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:46

L9	52	5 and proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:47
L10	102	3 and proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:48
L11	0	10 and mobile with object\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:48
L12	0	3 and mobile with object \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 04:48
L13	582	multiple redundant copies	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 04:54
L14	50	multiple redundant copies distribut\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 04:54
L15	13	14 and proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 04:54
L16	5	(stor\$3 back\$1up copies) same distributed same modified	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 05:00
L17	79	automatic\$4 synchroniz \$5 multiple devices	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 05:13
L18	0	17 and 707/999.204. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 05:13

L19	19	17 and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 05:13
L20	9	17 and proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 05:13
L21	49	mobile agent runtime	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 05:16
L22	2	21 and backup	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 05:16
L23	1	21 and archiv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 05:17
L24	15	21 and proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	WITH	OFF	2011/06/20 05:18
L25	1	12/267852	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/20 05:26
L26	1769	transport\$3 with mobile with object\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/20 05:27
L27	28	transport\$3 with mobile with agent with object \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/20 05:27

L28	78	(synch or synching or synchroniz\$3) with files with multiple with devices	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/20 05:32
L29	57	28 and mobile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/20 05:32
L30	1	28 and mobile with runtime	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/06/20 05:32
L31	4	28 and 707/999.204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/20 05:33
S2	3	("20050091316" "20070180084" "20020026478").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/14 17:13
S3	4	("6154817" "20050033757" "20030046270" "20030225801").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/14 17:14

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6/ 20/ 2011 5:40:18 AM**C:\ Documents and Settings\ jengelskirchen\ My Documents\ EAST\ Workspaces\ 12267852.wsp**

Receipt date: 02/12/2009

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

12267852 - GAI: 2157

Approved for use through 02/28/2009. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12267852	
	Filing Date		2008-11-10	
	First Named Inventor	Michael R. Manzano		
	Art Unit	2076 2157		
	Examiner Name	Unknown Jeremy Engelskirchen		
	Attorney Docket Number	TPTC-1-1026		

U.S.PATENTS						
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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U.S.PATENT APPLICATION PUBLICATIONS						
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
/JE/	1	20050091316	A1	2005-04-28	Ponce et al.	
/JE/	2	20070180084	A1	2007-08-02	Mohanty	
/JE/	3	20020026478	A1	2002-02-28	Rodgers et al.	

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	1							<input type="checkbox"/>

Receipt date: 02/12/2009 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12267852	12267852 - GAU: 2157
	Filing Date		2008-11-10	
	First Named Inventor	Michael R. Manzano		
	Art Unit	2876		
	Examiner Name	Unknown		
	Attorney Docket Number	TPTC-1-1026		

If you wish to add additional Foreign Patent Document citation information please click the Add button				
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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	
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If you wish to add additional non-patent literature document citation information please click the Add button				
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Examiner Signature	/Jeremy Engelskirchen/		Date Considered	06/14/2011
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<p>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.</p>				



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/267,852	11/10/2008	Michael R. Manzano	TPTC-1-1026

CONFIRMATION NO. 7024

PUBLICATION NOTICE



OC00000036190406

25315
BLACK LOWE & GRAHAM, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

Title:ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

Publication No.US-2009-0138528-A1

Publication Date:05/28/2009

NOTICE OF PUBLICATION OF APPLICATION

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

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Manzano Attorney Docket No. TPTC-1-1026
Serial No.: 12/267,852 Group Art Unit: 2876
Filing Date: November 10, 2008 Examiner: —
Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

TRANSMITTAL LETTER FOR PRELIMINARY AMENDMENT

Enclosed with this transmittal letter is the following paper:

1. A Preliminary Amendment under 37 C.F.R. § 1.115.

The new claims added do not exceed a total of 20 claims to the pending application, and therefore there is no fee for this preliminary amendment.

Direct all communications to:

P.G. Scott Born
Black Lowe & Graham, PLLC
701 Fifth Avenue, Suite 4800
Seattle, WA 98104

Respectfully submitted,
BLACK LOWE & GRAHAM^{PLLC}
/P.G. Scott Born/

P.G. Scott Born
Registration No. 40,523
Direct Dial: 206.218.3189

IN THE CLAIMS:

1. (Original) A system, comprising:

a first application executable on a first electronic device;

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

2. (Original) The system of claim 1 wherein the user modifying an electronic file comprises the user creating the electronic file.

3. (New) The system of claim 1 wherein at least one of the second and third applications comprises a runtime environment for mobile-agent objects.

4. (New) The system of claim 1 wherein the first application is configured to store the modified first electronic file copy to a memory device.

5. (New) The system of claim 4 wherein the first application is configured to store the modified first electronic file copy to the memory device only if the third electronic device is not in communication with the first electronic device.

6. (New) The system of claim 1 wherein the second application automatically transfers the copy of the modified first electronic file to the first electronic device upon determining that a save operation has been performed on the modified first electronic file.

7. (New) The system of claim 1 wherein the second application is configured to replace an older version of the second electronic file stored on the second electronic device with the modified second electronic file copy.

8. (New) The system of claim 1 wherein the second application is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the first electronic device.

9. (New) The system of claim 8 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

10. (New) The system of claim 9 wherein the proxy object is operable to store the copy of the modified first electronic file in a storage device coupled to the first electronic device.

11. (New) A method implementable in an electronic system having a storage component, the electronic system being coupled to a first electronic device having stored thereon a first electronic file and a second electronic device having stored thereon a second electronic file, the method comprising:

subsequent to a user modifying the first electronic file, receiving from the first electronic device a copy of the modified first electronic file, the copy of the modified first electronic file being automatically provided by the first electronic device;

subsequent to a user modifying the second electronic file, receiving from the second electronic device a copy of the modified second electronic file, the copy of the modified second electronic file being automatically provided by the second electronic device;

automatically transferring the modified first electronic file copy to the second electronic device; and

automatically transferring the modified second electronic file copy to the first electronic device.

12. (New) The method of claim 11 wherein the user modifying an electronic file comprises the user creating the electronic file.

13. (New) The method of claim 11 wherein at least one of the first and second electronic devices includes a runtime environment for mobile-agent objects.

14. (New) The method of claim 11 wherein the electronic system is configured to store the modified first electronic file copy to the storage component.

15. (New) The method of claim 14 wherein the electronic system is configured to store the modified first electronic file copy to the storage component only if the second electronic device is not in communication with the electronic system.

16. (New) The method of claim 11 wherein the first electronic device automatically transfers the copy of the modified first electronic file to the electronic system upon determining that a save operation has been performed on the modified first electronic file.

17. (New) The method of claim 11 wherein the first electronic device is configured to replace an older version of the first electronic file stored on the first electronic device with the modified copy of the first electronic file.

18. (New) The method of claim 11 wherein the first electronic device is operable to create a first mobile object, the first mobile object being operable to create a proxy object at the electronic system.

19. (New) The method of claim 18 wherein the first mobile object is operable to provide the copy of the modified first electronic file to the proxy object.

20. (New) The method of claim 19 wherein the proxy object is operable to store the copy of the modified first electronic file in the storage component.

Electronic Acknowledgement Receipt

EFS ID:	5308039
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	25315
Filer:	Michael Stevens Smith/Sharon S. Anderson
Filer Authorized By:	Michael Stevens Smith
Attorney Docket Number:	TPTC-1-1026
Receipt Date:	11-MAY-2009
Filing Date:	10-NOV-2008
Time Stamp:	12:17:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Preliminary Amendment	TPTC-1-1026PA.pdf	148586 5ed579c7248a4a289147d2d8d73a6d767174b243	no	6

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/267,852		Filing Date 11/10/2008		<input type="checkbox"/> To be Mailed	
APPLICATION AS FILED – PART I										
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X \$	=		X \$	=			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$	=		X \$	=			
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 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).									
<input type="checkbox"/> 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		TOTAL			
APPLICATION AS AMENDED – PART II										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT	05/11/2009	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X \$26 =	0		X \$	=
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0	X \$110 =	0		X \$	=
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE	0		TOTAL ADD'L FEE	
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$	=		X \$	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$	=		X \$	=
<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE			TOTAL ADD'L FEE	
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>										

Legal Instrument Examiner:
/YOLANDA MIDDLETON/

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12267852	
	Filing Date		2008-11-10	
	First Named Inventor	Michael R. Manzano		
	Art Unit	2876		
	Examiner Name	Unknown		
	Attorney Docket Number	TPTC-1-1026		

U.S.PATENTS						
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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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	20050091316	A1	2005-04-28	Ponce et al.	
	2	20070180084	A1	2007-08-02	Mohanty	
	3	20020026478	A1	2002-02-28	Rodgers et al.	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	12267852
Filing Date	2008-11-10
First Named Inventor	Michael R. Manzano
Art Unit	2876
Examiner Name	Unknown
Attorney Docket Number	TPTC-1-1026

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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
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EXAMINER SIGNATURE

Examiner Signature		Date Considered	
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*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.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	12267852
Filing Date	2008-11-10
First Named Inventor	Michael R. Manzano
Art Unit	2876
Examiner Name	Unknown
Attorney Docket Number	TPTC-1-1026

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.

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

☐ None

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	/P.G. Scott Born/	Date (YYYY-MM-DD)	2009-02-12
Name/Print	P.G. Scott Born	Registration Number	40523

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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:	4787290
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	25315
Filer:	Michael Stevens Smith/Sharon Anderson
Filer Authorized By:	Michael Stevens Smith
Attorney Docket Number:	TPTC-1-1026
Receipt Date:	12-FEB-2009
Filing Date:	10-NOV-2008
Time Stamp:	20:44:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	TPTC-1-1026IDS-e.pdf	190398 9370fa95c2a988afd00b7faa869a56584e32e2db	no	4

Warnings:

Information:

Box & Dropbox Exhibit 1007

Total Files Size (in bytes):

190398

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
12/267,852	11/10/2008	2876	527	TPTC-1-1026	2	1

CONFIRMATION NO. 7024

UPDATED FILING RECEIPT



25315
BLACK LOWE & GRAHAM, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

Date Mailed: 02/09/2009

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**

Applicant(s)

Michael R. Manzano, Seattle, WA;

Assignment For Published Patent Application

Topia Technology, Tacoma, WA

Power of Attorney: The patent practitioners associated with Customer Number 25315

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/986,896 11/09/2007

Foreign Applications

If Required, Foreign Filing License Granted: 11/21/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/267,852**

Projected Publication Date: 05/21/2009

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

Preliminary Class

235

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 (1-866-999-4158).

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).

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael R. Manzano

Attorney Docket No. TPTC-1-1026

Serial No. 12/267,852

Group Art Unit: 2876

Filing Date: November 10, 2008

Examiner: Unknown.

Title: ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS
DISTRIBUTED NETWORK

**COMBINED DECLARATION AND POWER OF ATTORNEY
IN PATENT APPLICATION**

As the inventor of the invention disclosed in the patent application entitled
ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED
NETWORK, I hereby declare as follows:

My residence, post office address and citizenship are:

Michael R. Manzano
819 Virginia Avenue #1706
Seattle, WA 98101
Citizenship: US

I believe that I am the original, first and sole inventor of the subject matter that is claimed
and for which a patent is sought on the invention entitled ARCHITECTURE FOR
MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK, the
specification of which was filed with the United States Patent and Trademark Office on
November 10, 2008 and assigned the application serial number 12/267,852.

I have reviewed and understand the contents of the above-identified patent application,
including the claims.

I acknowledge the duty to disclose information that is material to patentability of this
application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, for the application(s) listed below. I have also identified below any foreign application(s) for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: NONE

I hereby claim the benefit under 35 U.S.C. 119(e) of the following United States provisional application: 60/986,896 filed November 9, 2007 entitled "ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK."

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information that is material to patentability as defined 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: None

I hereby appoint the attorneys and agents assigned to the following Customer Number to prosecute this application and to transact all related business in the Patent and Trademark Office:

25315

Direct all communications to **P.G. Scott Born** at the address and telephone number associated with customer number:

25315


I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

25315
CUSTOMER NUMBER

- 2 of 3 -

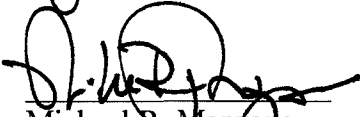
TPTC-1-1026DPOA

BLACK LOWE & GRAHAM PLLC


701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
Box & Dropbox Exhibit 1007
206.381.3300 F: 206.381.3301
Page 355

United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jan 23, 2009
Date

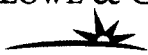

Michael R. Manzano

25315
CUSTOMER NUMBER

- 3 of 3 -

TPTC-1-1026DPOA

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Seattle, Washington 98104
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206.381.3300 • F: 206.381.3301

Page 356

Electronic Patent Application Fee Transmittal

Application Number:	12267852			
Filing Date:	10-Nov-2008			
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Michael Stevens Smith/Sharon S. Anderson			
Attorney Docket Number:	TPTC-1-1026			
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:				
Late filing fee for oath or declaration	2051	1	65	65
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				65

Electronic Acknowledgement Receipt

EFS ID:	4716304
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	25315
Filer:	Michael Stevens Smith/Sharon S. Anderson
Filer Authorized By:	Michael Stevens Smith
Attorney Docket Number:	TPTC-1-1026
Receipt Date:	02-FEB-2009
Filing Date:	10-NOV-2008
Time Stamp:	14:08:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$65
RAM confirmation Number	9421
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part/zip	Pages (if appl.)
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1	Oath or Declaration filed	TPTC-1-1026xDPOA.pdf	119014 c9699e752750d9109497394ed25c4183d603b849	no	3
Warnings:					
Information:					
2	Fee Worksheet (PTO-06)	fee-info.pdf	30126 0f2d0b83435172b87f5c3a35e581dadea0cb90f6	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			149140		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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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
12/267,852	11/10/2008	2876	462	TPTC-1-1026	2	1

CONFIRMATION NO. 7024

25315
BLACK LOWE & GRAHAM, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

FILING RECEIPT



Date Mailed: 12/01/2008

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**

Applicant(s)

Michael R. Manzano, Seattle, WA;

Assignment For Published Patent Application

Topia Technology, Tacoma, WA

Power of Attorney: The patent practitioners associated with Customer Number 25315

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/986,896 11/09/2007

Foreign Applications

If Required, Foreign Filing License Granted: 11/21/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/267,852**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

Preliminary Class

235

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.

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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 (1-866-999-4158).

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).



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
12/267,852	11/10/2008	Michael R. Manzano	TPTC-1-1026

CONFIRMATION NO. 7024

FORMALITIES LETTER



25315
BLACK LOWE & GRAHAM, PLLC
701 FIFTH AVENUE
SUITE 4800
SEATTLE, WA 98104

Date Mailed: 12/01/2008

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.

The applicant needs to satisfy supplemental fees problems indicated below.

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

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of **\$65** for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this notice.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$65** for a small entity

- **\$65** Surcharge.

Replies should be mailed to:

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

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

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

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

/aabranys/

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

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	TPTC-1-1026
		Application Number	
Title of Invention	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		
<p>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.</p> <p>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.</p>			

Secrecy Order 37 CFR 5.2

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

Applicant Information:

Applicant 1					Remove	
Applicant Authority		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Michael	R.	Manzano			
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service						
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Application Information:

Title of the Invention	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		
Attorney Docket Number	TPTC-1-1026	Small Entity Status Claimed	<input checked="" type="checkbox"/>
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)	3	Suggested Figure for Publication (if any)	1

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	TPTC-1-1026
	Application Number	
Title of Invention	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK	

Publication Information:

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Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	non provisional of	60986896	2007-11-09
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	TPTC-1-1026
		Application Number	
Title of Invention	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK		

If the Assignee is an Organization check here. <input checked="" type="checkbox"/>			
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Signature	/P.G. Scott Born/			Date (YYYY-MM-DD)	2008-11-10
First Name	P.G. Scott	Last Name	Born	Registration Number	40523

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ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority to U. S. Provisional Appl. No. 60/986,896 entitled “ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK” and filed November 9, 2007, which is hereby incorporated by reference in its entirety.

FIELD OF THE INVENTION

[0002] This invention relates generally to computer-implemented processes and, more specifically, to sharing of electronic files among electronic devices.

BACKGROUND OF THE INVENTION

[0003] Users of modern computing systems are increasingly finding themselves in constantly-connected, high-speed networked environments. The Web continues to be a killer application, second only to email, on the Internet. Further, customers are

increasingly using more than one computing device; a customer may have a desktop computer at home, one at work, and a constantly connected "smart phone". Due to the confluence of these two trends, file management across these devices has become a problem.

[0004] Although modern devices are easily connected, they do not provide the customer a seamless environment; the customer must manually handle many aspects of that connection. With regards to file management, customers must manually move files between their devices using some protocol like email, ftp, or by posting them on the Web. These practices lead to problems that include:

[0005] • The proliferation of redundant file copies. This proliferation creates a confusing environment where the customer is unclear where the "official" or newest version of a file exists.

[0006] • The creation of an error-prone environment. Some documents, such as those associated with word processing and desktop publishing, externally reference other files. Copying such a document can break these references causing errors that the customer has to handle manually. An example of such a document is a desktop publishing document that contains a reference to an image. If that image file is not transferred along with the desktop publishing file, the image will appear as a broken link.

[0007] • Unnecessary complexity. Because devices tend to have their own filing system, customers must manage a different filing model on each of his devices. For example, instead of having a single "Movies" folder, he may have to deal with many "Movies" folders, which may be in different locations on each of his devices. Each device may also have its own security model, further complicating the matter.

[0008] That a customer has to manually move files around to ensure their accessibility on his devices is unnecessary, and is an indicator of a lack of customer-focused design in modern file systems. File systems in use today are direct offspring of systems used when graphical customer interfaces were nonexistent. Modern file system

customer interfaces, such as Windows® Explorer and Mac OS X's Finder are just now starting to provide experiences that are more in line to a customer's workflow. Whereas, before, these interfaces were concerned with representing files with abstracted icons, the file's actual contents are becoming paramount in how files are organized and presented.

[0009] Problems still exist with how these newer customer interfaces are implemented. They are not completely integrated with applications, suffer from performance problems, and do not generally work well outside of a device's local file system.

[0010] There are several solutions to this problem that are in one way or another inadequate to the task:

[0011] Remote Desktop software allows a customer to remotely "see" his desktop. Remote desktop software screen-scrapes a remote machine's screen (a "server") and displays it on a screen local to the customer (a "client"). Remote desktop gives a customer access to not only his files, but also to his applications. However, this approach requires that the host machine be turned on and connected to the internet at all times. Consequently, this approach would not be appropriate for mobile hosts such as laptops. Remote desktop does not use the resources of a local machine. For full accessibility, the customer would have to keep all files and application on the host machine as any files stored on a client are not guaranteed to be accessible.

[0012] Distributed File Systems, like remote desktop software, place data on an always-connected host machine. Unlike remote desktop software, the host machine is not one on which the customer performs computing tasks. The host machine is used as a storage mechanism, and any computation performed on that machine serves to supports its use as such. Distributed file systems generally provide the right functionality for customers to share files between their devices. However, distributed file systems are usually deployed as a shared resource; that is, other customers have access to it. Because of this sharing, a customer's files may be buried deep in a filing structure, and it may not

always be immediately evident to customers what kind of access they have to a particular file. Further, to use a distributed file system, the customer must always be connected to it. Files stored on a distributed file system are generally inaccessible if the customer's machine is not connected to it, unless the customer has copied or moved the files to his machine's local hard drive. However, doing so immediately creates the problem of having two filing systems for the same file, creating a mental burden on the customer.

[0013] Additionally, accessing a file located on a distributed file system tends to be slower than accessing files on the local hard drive. Modern applications are usually written to assume that the files they access are located locally, and thus are not optimized to access remote files. When these applications are used with remote files, they can lose performance by an order of magnitude. This problem can be fixed by automatically caching often-used files on the local file system, and only synchronizing them when they have been changed. However, this separate synchronization step introduces another problem: because the synchronization process can be lengthy, the customer is never entirely sure if the file he is remotely accessing is the latest version of the file, versus an earlier one that has been marked to be updated. Further, the directory may not reflect the existence of the file at all until synchronization finishes.

[0014] FTP is similar to a distributed file system with regards to files being hosted on a remote server. However FTP generally does manifest as a "disk drive" on the customer's desktop; the customer must use special FTP client software to access an FTP server. It shares the same problem as distributed file systems, with the additional problem of weak integration with applications. Applications can generally write and read files directly to and from a distributed file system. This is not the case with FTP, as the customer has to manually use the client software to perform these operations as a separate task.

[0015] Email was originally invented for messaging. From the beginning, the model it employs to make files accessible remotely is necessarily inefficient. Email's

model for making files accessible is in the form of an email "attachment". Attachments are so named because they piggy-back on a message sent from one customer to another. A customer can make a file remotely available using email by attaching the file to an email and sending it to himself. He can then retrieve the file from a remote location by accessing the message on the email server. Email used in this way is even worse than FTP as the process is even more manual: a customer must find the message containing the file before he can even access it. Further, the location in which the attachment lives is read only. If the customer, for example, were to open the file, change it, then save it back out, the results would be ambiguous to the user because the email application, not the user, specified its location. Usually, the saved file would end up buried in an email file cache in an undisclosed area of the file system.

[0016] Flash Drives and External Disk Drives, although seemingly the most "primitive" way to ensure file availability, avoid all the problems related to network latency. However, these devices must be physically connected to the computer on which the files will be accessed. These restrictions preclude the customer from employing several effective work-flows including: using more than one computer to complete a single task (the files can only be accessed on one computer) and setting up an automated backup (the computer running the backup can't guarantee that the storage device will be connected come backup time). Further, to ensure full availability of the files, the customer must carry the device with them at all times, and must follow the associated protocols for mounting and dismounting the device.

[0017] Other problems with the prior art not described above can also be overcome using the teachings of embodiments of the present invention, as would be readily apparent to one of ordinary skill in the art after reading this disclosure.

SUMMARY OF THE INVENTION

[0018] In an embodiment, a system includes a first application executable on a first electronic device. The system further includes a second application executable on a second electronic device in communication with the first electronic device. The second electronic device is configured to store a first electronic file. Subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer the modified first electronic file, or a copy thereof, to the first electronic device. The system further includes a third application executable on a third electronic device in communication with the first electronic device. The third electronic device is configured to store a second electronic file. Subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer the modified second electronic file, or a copy thereof, to the first electronic device. The first application is operable to automatically transfer the modified first electronic file or copy to the third electronic device, and automatically transfer the modified second electronic file or copy to the second electronic device.

BRIEF DESCRIPTION OF THE DRAWING

[0019] Preferred and alternative embodiments of the present invention are described in detail below with reference to the following drawings.

[0020] FIG. 1 is a schematic view of an exemplary operating environment in which an embodiment of the invention can be implemented;

[0021] FIG. 2 is a functional block diagram of an exemplary operating environment in which an embodiment of the invention can be implemented; and

[0022] FIG. 3 is a functional block diagram illustrating file sharing and/or synchronization according to an embodiment of the invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0023] An embodiment of the invention leverages remote programming concepts by utilizing processes called mobile agents (sometimes referred to as mobile objects or agent objects). Generally speaking, these concepts provide the ability for an object (the mobile agent object) existing on a first ("host") computer system to transplant itself to a second ("remote host") computer system while preserving its current execution state. The operation of a mobile agent object is described briefly below.

[0024] The instructions of the mobile agent object, its preserved execution state, and other objects owned by the mobile agent object are packaged, or "encoded," to generate a string of data that is configured so that the string of data can be transported by all standard means of communication over a computer network. Once transported to the remote host, the string of data is decoded to generate a computer process, still called the mobile agent object, within the remote host system. The decoded mobile agent object includes those objects encoded as described above and remains in its preserved execution state. The remote host computer system resumes execution of the mobile agent object which is now operating in the remote host environment.

[0025] While now operating in the new environment, the instructions of the mobile agent object are executed by the remote host to perform operations of any complexity, including defining, creating, and manipulating data objects and interacting with other remote host computer objects.

[0026] File transfer and/or synchronization, according to an embodiment, may be accomplished using some or all of the concepts described in commonly owned U. S. Patent App. No. 11/739,083, entitled "Electronic File Sharing," the entirety of which is incorporated by reference as if fully set forth herein.

[0027] FIG. 1 illustrates an example of a suitable computing system environment 100 in which one or more embodiments of the invention may be implemented. The computing system environment 100 is only one example of a suitable computing

environment and is not intended to suggest any limitation as to the scope of use or functionality of the invention. Neither should the computing environment 100 be interpreted as having any dependency or requirement relating to any one or combination of components illustrated in the exemplary operating environment 100.

[0028] Embodiments of the invention are operational with numerous other general purpose or special purpose computing system environments or configurations. Examples of well known computing systems, environments, and/or configurations that may be suitable for use with the invention include, but are not limited to, personal computers, server computers, hand-held or laptop devices, multiprocessor systems, microprocessor-based systems, set top boxes, programmable consumer electronics, network PCs, minicomputers, mainframe computers, distributed computing environments that include any of the above systems or devices, and the like.

[0029] Embodiments of the invention may be described in the general context of computer-executable instructions, such as program modules, being executed by a computer and/or by computer-readable media on which such instructions or modules can be stored. Generally, program modules include routines, programs, objects, components, data structures, etc. that perform particular tasks or implement particular abstract data types. The invention may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote computer storage media including memory storage devices.

[0030] With reference to FIG. 1, an exemplary system for implementing the invention includes a general purpose computing device in the form of a computer 110. Components of computer 110 may include, but are not limited to, a processing unit 120, a system memory 130, and a system bus 121 that couples various system components including the system memory to the processing unit 120. The system bus 121 may be

any of several types of bus structures including a memory bus or memory controller, a peripheral bus, and a local bus using any of a variety of bus architectures. By way of example, and not limitation, such architectures include Industry Standard Architecture (ISA) bus, Micro Channel Architecture (MCA) bus, Enhanced ISA (EISA) bus, Video Electronics Standards Association (VESA) local bus, and Peripheral Component Interconnect (PCI) bus also known as Mezzanine bus.

[0031] Computer 110 typically includes a variety of computer readable media. Computer readable media can be any available media that can be accessed by computer 110 and includes both volatile and nonvolatile media, removable and non-removable media. By way of example, and not limitation, computer readable media may comprise computer storage media and communication media. Computer storage media includes both volatile and nonvolatile, removable and non-removable media implemented in any method or technology for storage of information such as computer readable instructions, data structures, program modules or other data. Computer storage media includes, but is not limited to, RAM, ROM, EEPROM, flash memory or other memory technology, CD-ROM, digital versatile disks (DVD) or other optical disk storage, magnetic cassettes, magnetic tape, magnetic disk storage or other magnetic storage devices, or any other medium which can be used to store the desired information and which can be accessed by computer 110. Communication media typically embodies computer readable instructions, data structures, program modules or other data in a modulated data signal such as a carrier wave or other transport mechanism and includes any information delivery media. The term “modulated data signal” means a signal that has one or more of its characteristics set or changed in such a manner as to encode information in the signal. By way of example, and not limitation, communication media includes wired media such as a wired network or direct-wired connection, and wireless media such as acoustic, RF, infrared and other wireless media. Combinations of the any of the above should also be included within the scope of computer readable media.

[0032] The system memory 130 includes computer storage media in the form of volatile and/or nonvolatile memory such as read only memory (ROM) 131 and random access memory (RAM) 132. A basic input/output system 133 (BIOS), containing the basic routines that help to transfer information between elements within computer 110, such as during start-up, is typically stored in ROM 131. RAM 132 typically contains data and/or program modules that are immediately accessible to and/or presently being operated on by processing unit 120. By way of example, and not limitation, FIG. 1 illustrates operating system 134, application programs 135, other program modules 136, and program data 137.

[0033] The computer 110 may also include other removable/non-removable, volatile/nonvolatile computer storage media. By way of example only, FIG. 1 illustrates a hard disk drive 140 that reads from or writes to non-removable, nonvolatile magnetic media, a magnetic disk drive 151 that reads from or writes to a removable, nonvolatile magnetic disk 152, and an optical disk drive 155 that reads from or writes to a removable, nonvolatile optical disk 156 such as a CD ROM or other optical media. Other removable/non-removable, volatile/nonvolatile computer storage media that can be used in the exemplary operating environment include, but are not limited to, magnetic tape cassettes, flash memory cards, digital versatile disks, digital video tape, solid state RAM, solid state ROM, and the like. The hard disk drive 141 is typically connected to the system bus 121 through a non-removable memory interface such as interface 140, and magnetic disk drive 151 and optical disk drive 155 are typically connected to the system bus 121 by a removable memory interface, such as interface 150.

[0034] The drives and their associated computer storage media discussed above and illustrated in FIG. 1, provide storage of computer readable instructions, data structures, program modules and other data for the computer 110. In FIG. 1, for example, hard disk drive 141 is illustrated as storing operating system 144, application programs 145, other program modules 146, and program data 147. Note that these components can

either be the same as or different from operating system 134, application programs 135, other program modules 136, and program data 137. Operating system 144, application programs 145, other program modules 146, and program data 147 are given different numbers here to illustrate that, at a minimum, they are different copies. A user may enter commands and information into the computer 20 through input devices such as a keyboard 162 and pointing device 161, commonly referred to as a mouse, trackball or touch pad. Other input devices (not shown) may include a microphone, joystick, game pad, satellite dish, scanner, or the like. These and other input devices are often connected to the processing unit 120 through a user input interface 160 that is coupled to the system bus, but may be connected by other interface and bus structures, such as a parallel port, game port or a universal serial bus (USB). A monitor 191 or other type of display device is also connected to the system bus 121 via an interface, such as a video interface 190. In addition to the monitor, computers may also include other peripheral output devices such as speakers 197 and printer 196, which may be connected through an output peripheral interface 190.

[0035] The computer 110 may operate in a networked environment using logical connections to one or more remote computers, such as a remote computer 180. The remote computer 180 may be a personal computer, a server, a router, a network PC, a peer device or other common network node, and typically includes many or all of the elements described above relative to the computer 110, although only a memory storage device 181 has been illustrated in FIG. 1. The logical connections depicted in FIG. 1 include a local area network (LAN) 171 and a wide area network (WAN) 173, but may also include other networks. Such networking environments are commonplace in offices, enterprise-wide computer networks, intranets and the Internet.

[0036] When used in a LAN networking environment, the computer 110 is connected to the LAN 171 through a network interface or adapter 170. When used in a WAN networking environment, the computer 110 typically includes a modem 172 or

other means for establishing communications over the WAN 173, such as the Internet. The modem 172, which may be internal or external, may be connected to the system bus 121 via the user input interface 160, or other appropriate mechanism. In a networked environment, program modules depicted relative to the computer 110, or portions thereof, may be stored in the remote memory storage device. By way of example, and not limitation, FIG. 1 illustrates remote application programs 185 as residing on memory device 181. It will be appreciated that the network connections shown are exemplary and other means of establishing a communications link between the computers may be used.

[0037] Referring now to FIG. 2, an embodiment of the present invention can be described in the context of an exemplary computer network system 200 as illustrated. System 200 includes electronic user devices 210, 280, such as personal computers or workstations, that are linked via a communication medium, such as a network 220 (*e.g.*, the Internet), to an electronic device or system, such as a server 230. The server 230 may further be coupled, or otherwise have access, to a database 240, electronic storage 270 and a computer system 260. Although the embodiment illustrated in FIG. 2 includes one server 230 coupled to two user devices 210, 280 via the network 220, it should be recognized that embodiments of the invention may be implemented using two or more such user devices coupled to one or more such servers.

[0038] In an embodiment, each of the user devices 210, 280 and server 230 may include all or fewer than all of the features associated with the computer 110 illustrated in and discussed with reference to FIG. 1. User devices 210, 280 include or are otherwise coupled to a computer screen or display 250, 290, respectively. User devices 210, 280 can be used for various purposes including both network- and local-computing processes.

[0039] The user devices 210, 280 are linked via the network 220 to server 230 so that computer programs, such as, for example, a browser or other applications, running on one or more of the user devices 210, 280 can cooperate in two-way communication with server 230 and one or more applications running on server 230. Server 230 may be

coupled to database 240 and/or electronic storage 270 to retrieve information therefrom and to store information thereto. Additionally, the server 230 may be coupled to the computer system 260 in a manner allowing the server to delegate certain processing functions to the computer system.

[0040] Referring now to FIG. 3, illustrated is functionality of an embodiment of the invention allowing a user (not shown) who owns or otherwise controls devices 210, 280 to automatically maintain file synchronization between at least devices 210, 280, or any other user devices on which principles of the present invention are implemented. In an embodiment, an administrator (not shown) of the server 230 or other appropriate electronic device transfers a file-transfer and/or synchronization application to the user devices 210, 280 for installation thereon. Once installed on the user devices 210, 280, the file-transfer application provides file-transfer clients 310, 320 executable by the user devices 210, 280, respectively. Each of the file-transfer clients 310, 320 may, but need not, include a respective mobile-agent runtime environment 330, 340. The mobile-agent runtime environment 330, 340 include portions of memory of the user devices 210, 280 dedicated to allowing a mobile object the ability to perform operations that the mobile object is programmed to carry out. Also included in the file-transfer application are user interfaces 350, 360 that are displayable on the displays 250, 290, respectively. In an embodiment, the interfaces 350, 360 allow a user to view, access and/or organize files to be synched among the various user devices.

[0041] Generally, all files that the user desires to be synched or shared may at some point be uploaded by one or more of the user devices 210, 280 and stored in storage 270. Upon receiving the files to be synched, the server 230 can store such files in the storage 270 and/or transfer the files to one or more of the respective hard drives of the user devices 210, 280, thereby enabling each respective user device to access such files. In this manner, the server 230 is operable to treat each hard drive of the respective user devices 210, 280 as a local document cache for files received by the server. Typically,

the server 230 will store one or more of the received files to the storage 270 only if the destination user device is offline or otherwise temporarily not in communication with the server 230. Upon resuming communication with the destination user device, the server 230 will transfer the temporarily stored files to the destination device.

[0042] In operation, according to an embodiment, the user may open and modify a file 370, such as a word-processing document or other electronic file. Alternatively, the user may create a first instance of the file 370. The user may have previously have associated, or may now associate, the file 370 with the transfer client 310. Upon a predetermined and user-configurable triggering event, the transfer client 310 transfers the modified file 370, or a copy of the modified file, to the server 230. Such a triggering event may include, but be not limited to, the user saving the file, the elapsing of a predetermined amount of time during which the file has been opened, or the re-initiation of a communication session between the device 210 and the server 230.

[0043] The file 370 is transferred to the server 230 on which is executing a synchronization application 380, which may include a mobile-agent runtime environment. Through user configuration, the synch application 380 monitors a set of user devices to which the file 370 should be transferred to effect file synchronization. In the illustrated embodiment, this set of user devices includes the user device 280. The synch application 380 polls the device 280 to determine whether the device 280 is in communication with the server 230. If the device 280 is in communication with the server 230, the synch application 380 transfers the file 370 to the device 280, whereupon the transfer client 320 resident on the device 280 replaces the previous version of the file 370, previously cached on the device 280, with the latest version of the file 370 modified on the user device 210. If the device 280 is not currently in communication with the server 230, the synch application 380 may store the file 370 in the storage 270 until such time as communication between the device 280 and server 230 is reestablished. As illustrated in Figure 3, a similar reverse-direction synchronization process may be

performed by the synch application 380 and the transfer clients 310, 320 with regard to a file 315 modified on device 280 and synchronized to device 210.

[0044] In an embodiment, the user interfaces 350, 360 may include a list of the customer's documents and related metadata, as well as any one-to-one or one-to-many relationships between the documents and metadata. An embodiment can always provide customers with an accurate "picture" of their document collection, regardless of whether their devices physically contain the documents. As alluded to earlier, a problem with distributed file systems and FTP is the latency between a file being put onto a file system and it showing up on a remote machine. To prevent this problem, an embodiment directory is decoupled from the movement of files. An embodiment's directory update system updates at a higher priority than the documents to be synchronized. This feature ensures that when a customer browses or searches through his set of documents, they appear even if they have not yet been cached locally on the user device. An indicator signifying a document's availability may be prominently displayed adjacent to the document's representation so that customers are aware of the document's availability.

[0045] An embodiment may include a stand-alone application that allows customers to find and manage documents associated with transfer clients 310, 320 by visualizing relationships between documents and their metadata. It allows customers to tag documents with any number of identifiers. Customers can relate both documents and tags with each other in any number of user-specified one-to-one and one-to-many relationships, and an embodiment provides a user interface to browse and search on these relationships. To mitigate the customers' learning curve, an embodiment can implement relationships common to contemporary file systems, including a folder hierarchy. In addition to this, an embodiment provides direct support for methods that the customer uses to organize documents by manifesting them as user interface idioms. This is unlike conventional document filing systems which require the customer to work within a strict folder metaphor for organization.

[0046] Some alternate methods that an embodiment supports for organizing documents include:

[0047] • Allow customers to organize their documents by application. Many times customers remember the application used to create a document instead of the document's name or its location in a hierarchy.

[0048] • Allow customers to organize their documents by most recent access. Customers are likely to access a document they've accessed in the near past. Usually, such documents are part of a task that the customer is actively working.

[0049] • Allow customers to organize their documents by project or subproject.

[0050] • Allow customers to organize their documents by people. Many times, especially in the context of a collaboration, a document is directly related to one or more people other than the customer.

[0051] • Allow the customer to organize their document by process stage. Documents may represent one or more stages of a process. Customers need a method for organizing documents by process stage, and a mechanism for moving the document through a set of predefined stages.

[0052] • Allow customers to organize their documents by any of the aforementioned methods concurrently. These organization methods are not mutually exclusive.

[0053] An embodiment presents an interface that allows a customer to locate one or more documents associated with the transfer clients 310, 320 and open such document into a separate software application. Since this interface is intended to be used from within the separate application, that application may need to know how to invoke such interface. Advantageously, this invocation behavior can be provided to the application using the application's plug-in API.

[0054] An embodiment presents an interface that allows a customer to synchronize a currently opened document according to processes described elsewhere

herein. This interface can be invoked within an application and can be made available to the application in the manner described above in connection with the application's plug-in API.

[0055] Some files associated with the transfer clients 310, 320 are dependent on other files associated with the transfer clients 310, 320. For example, a desktop publishing document may include images that are stored in files separate from the main document. Previous file-synching solutions treat these files as separate. Because of this, for example, a document synchronized from the device 210 to the device 280 may be opened by the user of the device 280 before the image files have been fully transferred to the device 280. This causes the document to fail to open, or break, since the image files don't exist or are incomplete. An embodiment prevents this by: (1) always ensuring the file catalog (*e.g.*, the stand-alone application that allows customers to find and manage documents associated with transfer clients 310, 320, as discussed above herein) is synchronized before any file data is synchronized, and (2) pausing any file access by any program until the file contents have been fully synchronized. In such an embodiment, if a user attempts, using a software program, to open a file whose related files haven't yet finished transferring to the local (hard drive) cache, if that software attempts to open the related files, the software program is blocked by an embodiment until the requested files are downloaded and ready to access.

[0056] Other file sending and synchronizing software requires the user to upload their data to a storage device owned by the operator of the service. An embodiment treats storage as a participant in the synchronization process; this means that the user can choose the service or device where their files will be stored. The file transfer/synching is abstracted from the storage system allowing any storage to be used. An embodiment treats storage like any other synch target, such as a desktop computer, or a cell phone. As such, any device owned or otherwise controlled by the user and running a synch application, such as synch application 380, as provided in an embodiment of the

invention can perform the storage and/or synching functions described elsewhere herein. That is, the user device 280 or user device 210, rather than the server 230, may perform such functions.

[0057] While a preferred embodiment of the invention has been illustrated and described, as noted above, many changes can be made without departing from the spirit and scope of the invention. For example, as an alternative to the approach described with reference to Figure 3, wherein the transfer clients 310, 320 function to “push” modified or created files to the synch application 380, the synch application 380 may instead function to periodically “pull” or otherwise actively retrieve such files from the transfer clients 310, 320. Instead, the invention should be determined entirely by reference to the claims that follow.

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A system, comprising:

a first application executable on a first electronic device;

a second application executable on a second electronic device in communication with the first electronic device, the second electronic device having stored thereon a first electronic file, wherein, subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer a copy of the modified first electronic file to the first electronic device; and

a third application executable on a third electronic device in communication with the first electronic device, the third electronic device having stored thereon a second electronic file, wherein, subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer a copy of the modified second electronic file to the first electronic device;

wherein the first application is operable to automatically transfer the modified first electronic file copy to the third electronic device, and automatically transfer the modified second electronic file copy to the second electronic device.

2. The system of claim 1 wherein the user modifying an electronic file comprises the user creating the electronic file.

ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK

ABSTRACT OF THE DISCLOSURE

A system includes a first application executable on a first electronic device. The system further includes a second application executable on a second electronic device in communication with the first electronic device. The second electronic device is configured to store a first electronic file. Subsequent to a user modifying the first electronic file, the second application is operable to automatically transfer the modified first electronic file, or a copy thereof, to the first electronic device. The system further includes a third application executable on a third electronic device in communication with the first electronic device. The third electronic device is configured to store a second electronic file. Subsequent to the user modifying the second electronic file, the third application is operable to automatically transfer the modified second electronic file, or a copy thereof, to the first electronic device. The first application is operable to automatically transfer the modified first electronic file or copy to the third electronic device, and automatically transfer the modified second electronic file or copy to the second electronic device.

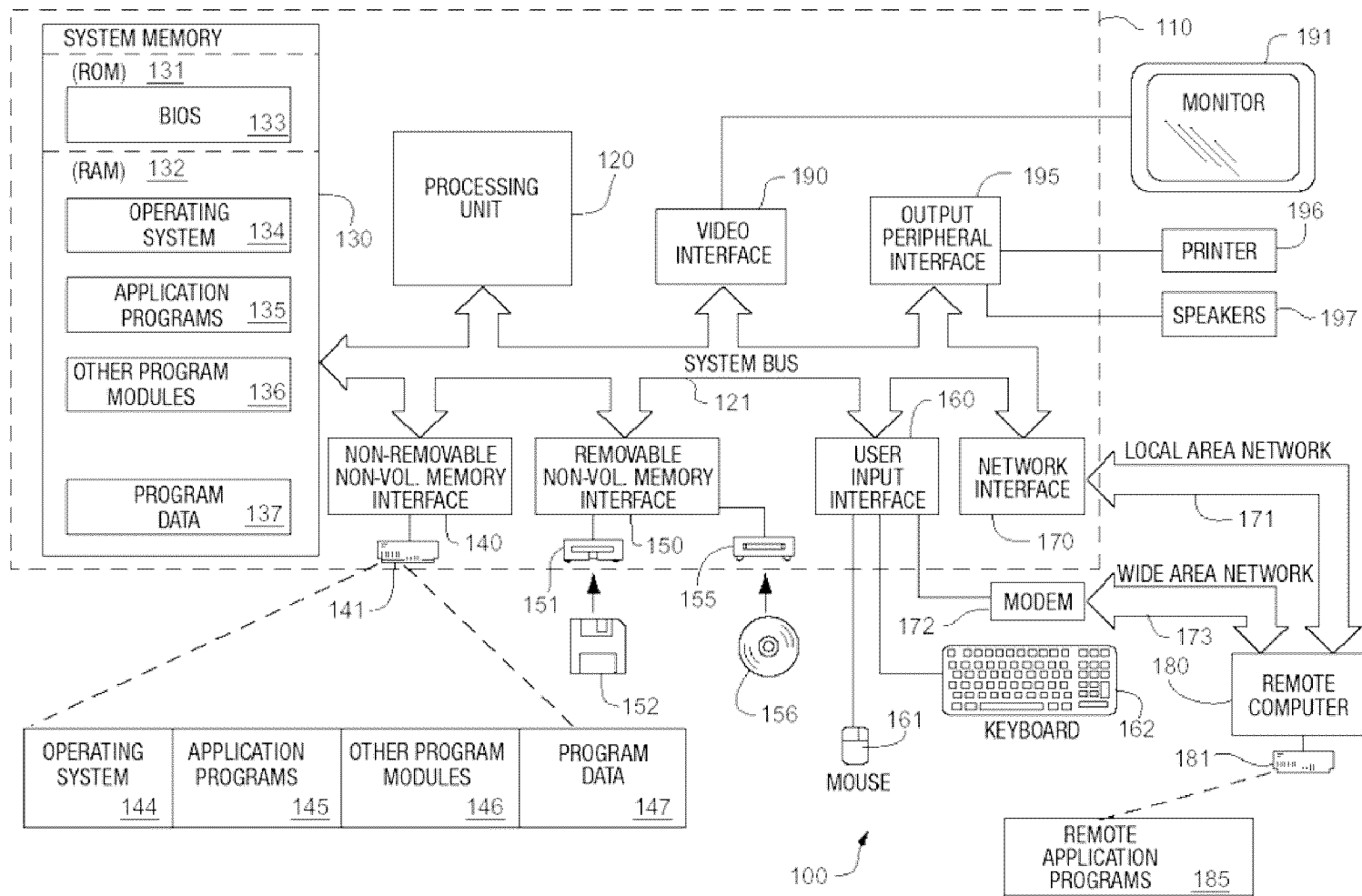


FIG. 1

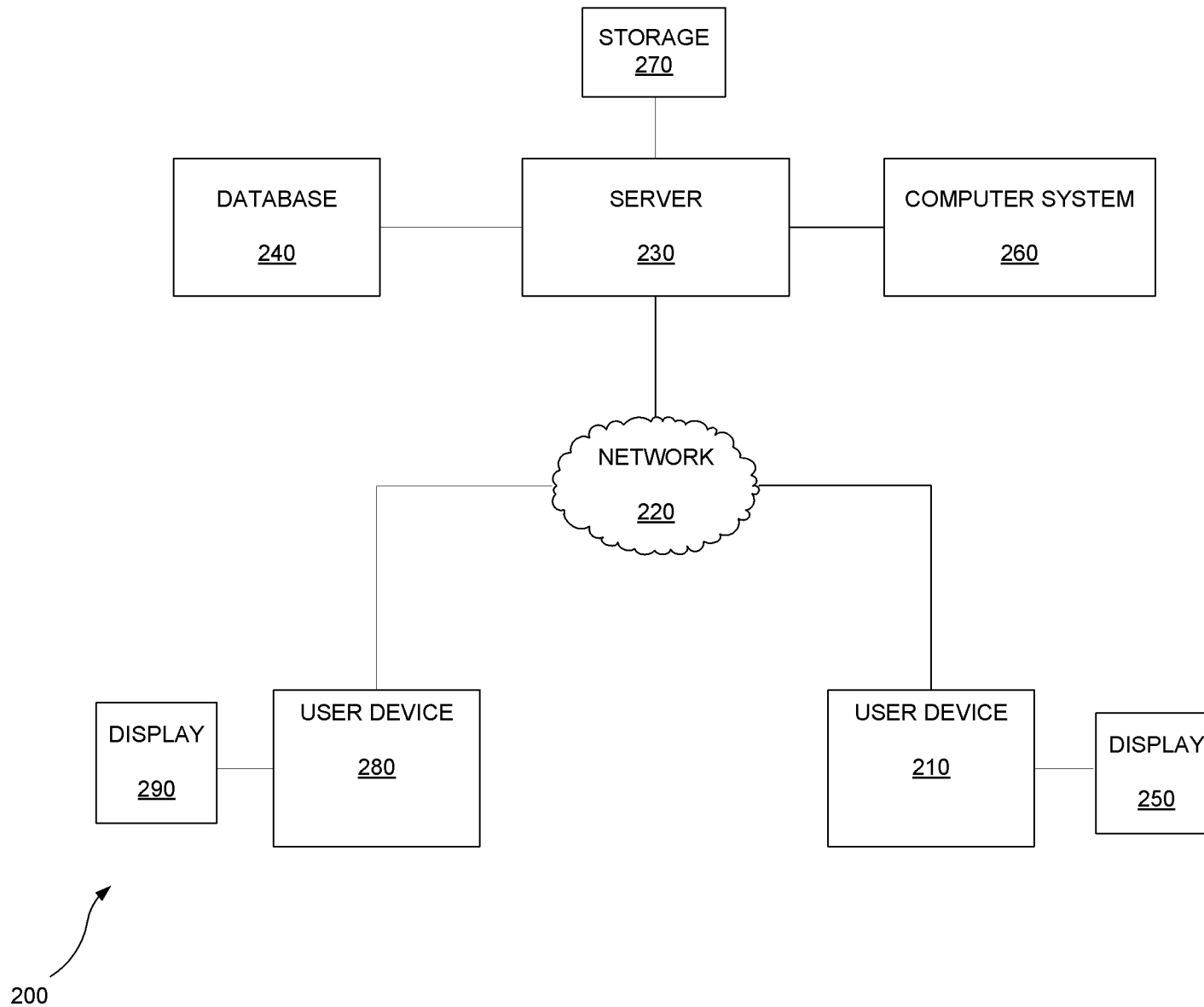


FIG. 2

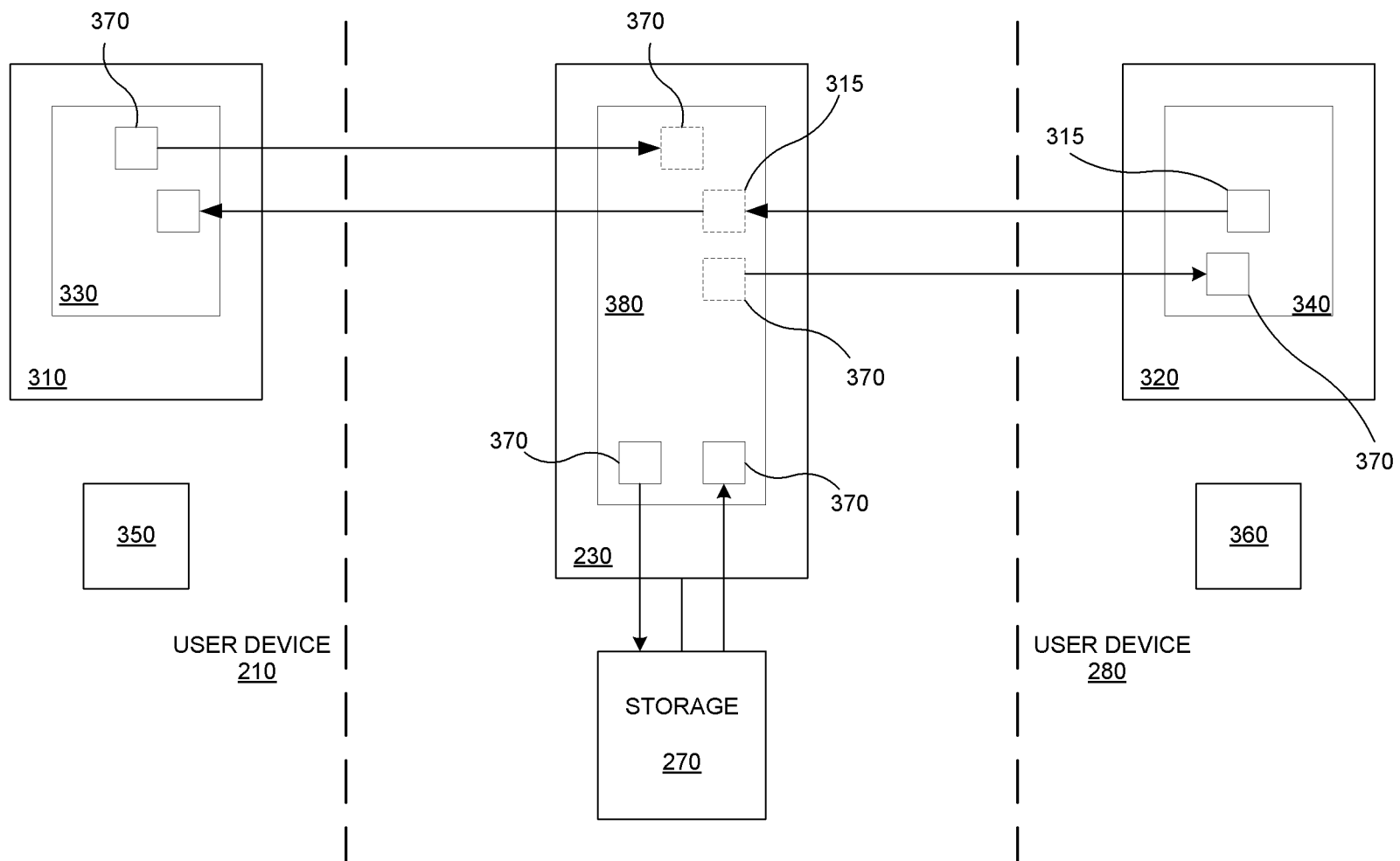


FIG. 3

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK			
First Named Inventor/Applicant Name:	Michael R. Manzano			
Filer:	Michael Stevens Smith/Sharon Anderson			
Attorney Docket Number:	TPTC-1-1026			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	82	82
Utility Search Fee	2111	1	270	270
Utility Examination Fee	2311	1	110	110
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				462

Electronic Acknowledgement Receipt

EFS ID:	4260594
Application Number:	12267852
International Application Number:	
Confirmation Number:	7024
Title of Invention:	ARCHITECTURE FOR MANAGEMENT OF DIGITAL FILES ACROSS DISTRIBUTED NETWORK
First Named Inventor/Applicant Name:	Michael R. Manzano
Customer Number:	25315
Filer:	Michael Stevens Smith/Sharon Anderson
Filer Authorized By:	Michael Stevens Smith
Attorney Docket Number:	TPTC-1-1026
Receipt Date:	10-NOV-2008
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Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$462
RAM confirmation Number	371
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part/zip	Pages (if appl.)
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1	Application Data Sheet	TPTC-1-1026ADS.pdf	1025680	no	4
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Warnings:					
Information:					
2		TPTC-1-1026AP_final_.pdf	857983	yes	20
			e6e15e0f1aa1a5b336726ed45332afba5e130e4c		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	18	
	Claims		19	19	
	Abstract		20	20	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	TPATC-1-1026DWG.pdf	126458	no	3
			c4fa9e03fc9220907b1f6e7f397c238df3271a62		
Warnings:					
Information:					
4	Fee Worksheet (PTO-06)	fee-info.pdf	33241	no	2
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Warnings:					
Information:					
Total Files Size (in bytes):			2043362		

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.

DocCode - SCORE

SCORE Placeholder Sheet for IFW Content

Application Number: 12267852 Document Date: 11/10/08

The presence of this form in the IFW record indicates that the following document type was received in paper and is scanned and stored in the SCORE database.

- Design Drawings

The original paper documents are in the physical artifact folder. The original documents are scanned using a higher quality capture process and stored in SCORE. A copy of these documents are scanned in IFW using the standard quality scanning process. Defects visible in both IFW and SCORE are indicative of defects in the original paper documents.

To access the documents in the SCORE database, refer to instructions developed by SIRA.

At the time of document entry (noted above):

- Examiners may access SCORE content via the eDAN interface.
- Other USPTO employees can bookmark the current SCORE URL (<http://es/ScoreAccessWeb/>).
- External customers may access SCORE content via the Public and Private PAIR interfaces.

Form Revision Date: October 12, 2006

Filing Date: 11/10/08

Approved for use through 7/31/2006. OMB 0651-0032

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

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

PATENT APPLICATION FEE DETERMINATION RECORD
 Substitute for Form PTO-875

Application or Docket Number
12/267,852

APPLICATION AS FILED – PART I
 (Column 1) (Column 2)

SMALL ENTITY

OR
OTHER THAN SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	82	N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	270	N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	2 minus 20 =		x\$26		x\$52	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 = *		x\$110		x\$220	
APPLICATION SIZE FEE (37 CFR 1.16(s)) If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			195		390	
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	462	TOTAL	

APPLICATION AS AMENDED – PART II
 (Column 1) (Column 2) (Column 3)

SMALL ENTITY

OR
OTHER THAN SMALL ENTITY

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(i))	*	Minus **	=	X =		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))				N/A		N/A	
				TOTAL		TOTAL	
				ADD'T FEE		ADD'T FEE	

(Column 1) (Column 2) (Column 3)

SMALL ENTITY

OR
OTHER THAN SMALL ENTITY

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(i))	*	Minus **	=	X =		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))				N/A		N/A	
				TOTAL		TOTAL	
				ADD'T FEE		ADD'T FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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