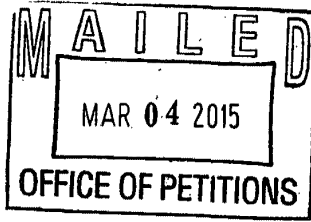




UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY MO 63017



Applicant: Chaganti
Application No. 12/799,945
Filed: May 5, 2010
For: Method and System For Online
Document Collaboration

:
: Decision On
: Nonpublication Request
:
:

This is a decision in response to the petition entitled "Petition for Non-Publication Request", which was included as part of another petition in the same paper received on July 5, 2010.

The petition is dismissed as moot.

35 U.S.C. 122(b) requires the United States Patent and Trademark Office to publish utility and plant applications filed on or after November 29, 2000, unless, on filing, applicant requested nonpublication with the required certification under 35 U.S.C. 122(b)(2)(B)(i).

35 U.S.C. 122(b)(2)(B)(i) provides that "[i]f an applicant makes a request upon filing, certifying that the invention disclosed in the application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing, the application shall not be published as provided in paragraph (1)." (Emphasis added.)

Petitioner did not file the application with a nonpublication request in compliance with the statute.

Telephone inquiries regarding this communication should be directed to the undersigned at (571) 272-7709.

Mark O. Polutta
Senior Legal Advisor
Office of Patent Legal Administration
Office of the Deputy Commissioner
for Patent Examination

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 8,117,644 B2
APPLICATION NO. : 12/799945
DATED : February 14, 2012
INVENTOR(S) : Naren Chaganti, Sitapathi Rao Chaganti and Damayanti Chaganti

Page 1 of 1

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

Title Page, Item (63) "Related U.S. Application Data" should read:

--Related U.S. Application Data

This is a Continuation application of U.S. Patent application S. No. 09/634,725 filed August 5, 2000, which is a Continuation-in-Part application of U.S. Patent Application S. No. 09/478,796 filed January 7, 2000, now U.S. Patent No. 6,845,488 B1.--

Signed and Sealed this
Eighth Day of October, 2013



Teresa Stanek Rea
Deputy Director of the United States Patent and Trademark Office

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

PATENT No. 8,117,644 B2	ART UNIT: 2132
ISSUE DATE: FEBRUARY 14, 2012	EXAMINER: BENJAMIN LANIER
TITLE: METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION	DOCKET No: PSCO-008

REQUEST FOR RECONSIDERATION

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

Sir,

On August 3, 2013, Applicants requested that a certificate of correction be issued in view that the published patent had incorrect priority information and that the section "Related U.S. Application Data" was in error. The section should have read:

--This is a Continuation application of U.S. Patent application S. No. 09/634,725 filed August 5, 2000, which is a Continuation-in-Part application of U.S. Patent Application S. No. 09/478,796 filed January 7, 2000, now U.S. Patent No. 6,845,488 B1.--

This claim for priority was made in the General Transmittal filed May 5, 2010, which was acknowledged in the filing receipt dated June 2, 2010. A duly completed form SB0044 was attached with the August 3, 2013 filing. The Office rejected the petition for want of the fee of \$100. A payment is made with this request for reconsideration. Appropriate correction to the patent text is respectfully solicited.

Respectfully submitted,
Dated: September 3, 2013

/Naren Chaganti/ Reg. No. 44,602
Naren Chaganti
One of the Applicants

Electronic Patent Application Fee Transmittal

Application Number:	12799945			
Filing Date:	05-May-2010			
Title of Invention:	METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION			
First Named Inventor/Applicant Name:	Naren Chaganti			
Filer:	Naren Chaganti			
Attorney Docket Number:	PSCO-008			
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:				
Certificate of Correction	1811	1	100	100
Extension-of-Time:				

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

Electronic Acknowledgement Receipt

EFS ID:	16746807
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	03-SEP-2013
Filing Date:	05-MAY-2010
Time Stamp:	14:30:04
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	\$100
RAM confirmation Number	851
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	Request for Certificate of Correction	psco-008-request-for-reconsideration.pdf	27028 c808fd892f7df1f69fb9ba382ca15a3867e002f9	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	29733 0102236e03cb0f91c75e29fc2334589e9e61fad7	no	2
Warnings:					
Information:					
Total Files Size (in bytes):				56761	
<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 DEPARTMENT OF COMMERCE
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

Date : 8/6/2013
Patent No. : 8,117,644 B2
Serial No. : 12/799,945
Inventor(s) : Chaganti et al.
Issue Date : February 14, 2012
Title : **METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION**
File No. : **PSCO-008**

Re: Consideration for Certificate of Correction

Consideration has been given your request for a certificate of correction, for the above-identified patent under the provisions of Rule 1.322.

Respecting the alleged error(s) in your request, inspection of the file of the application for the patent reveals that "Related Application Priority Data", in the patent, is/are printed in accordance with the most recent Application Filing Receipt dated 1/9/12 in the Patent and Trademark Office, as passed to issued by the examiner. There being no fault on the part of the Patent and Trademark Office, it has no authority to issue a certificate of correction under the provision of 1.322.

In view of the foregoing, your request for certificate of correction is hereby denied.

However, further consideration will be given concerning this matter upon receipt of a request for **Reconsideration**, and should be filed and directed to Certificates of Correction Branch. The patentee would be entitled to a certificate of correction under 37 CFR 1.323 (required fee currently \$100).

Ernest C. White, LIE

571 272-3385 / Fax 571 273-3385 or ernest.white@uspto.gov
Marietta Joyce, TL (703) 756-1586
ODM/Certificate of Corrections

NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY MO 63017

ECW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

PATENT No. 8,117,644 B2	ART UNIT: 2132
ISSUE DATE: FEBRUARY 14, 2012	EXAMINER: BENJAMIN LANIER
TITLE: METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION	DOCKET No: PSCO-008

REQUEST FOR A CERTIFICATE OF CORRECTION DUE TO OFFICE ERROR

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

Sir,

On examination of the referenced Patent, Applicants have discovered that the section “Related U.S. Application Data” as published was in error. The section should instead read:

--This is a Continuation application of U.S. Patent application S. No. 09/634,725 filed August 5, 2000, which is a Continuation-in-Part application of U.S. Patent Application S. No. 09/478,796 filed January 7, 2000, now U.S. Patent No. 6,845,488 B1.--

This claim for priority was made in the General Transmittal filed May 5, 2010, which was acknowledged in the filing receipt dated June 2, 2010. However, this was not reflected in the published patent, which error appears to be attributable to the Office. An expedited correction is respectfully solicited. No fee is believed to be due with this paper as the error was on the part of the Office. A duly completed form SB0044 is attached to this filing.

Respectfully submitted,

August 3, 2013

/Naren Chaganti/ Reg. No. 44,602
Naren Chaganti
One of the Applicants

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 8,117,644

APPLICATION NO.: 12/799,945

ISSUE DATE : February 14, 2012

INVENTOR(S) : NAREN CHAGANTI, SITAPATHI RAO CHAGANTI, DAMAYANTI CHAGANTI

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

The Section "Related U.S. Application Data" should read:

--Related U.S. Application Data

This is a Continuation application of U.S. Patent application S. No. 09/634,725 filed August 5, 2000, which is a Continuation-in-Part application of U.S. Patent Application S. No. 09/478,796 filed January 7, 2000, now U.S. Patent No. 6,845,488 B1.--

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

/Naren Chaganti/
Naren Chaganti, 713 The Hamptons Lane, Town and Country, MO 63017

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

Electronic Acknowledgement Receipt

EFS ID:	16494483
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	03-AUG-2013
Filing Date:	05-MAY-2010
Time Stamp:	12:53:50
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	Request for Certificate of Correction	psco-008-request-for-change-of-priority-claim.pdf	26742 <small>8fb515d9c0dff6ca8fc2918feef30f98b45ee62</small>	no	1

Warnings:

Information:

2	Request for Certificate of Correction	psco-008-2d-sb0044-print.pdf	34052	no	1
			3d6a25cb355fe574029e868ded3db57b84717889		

Warnings:

Information:

Total Files Size (in bytes):	60794
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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 DEPARTMENT OF COMMERCE
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

Date : 4/24/13
Patent No. : 8,117,644 B2
Serial No. : 12/799,945
Inventor(s) : Chagnati et al.
Issue Date : February 14,2012
Title : **METHOD AND SYSTEM FOR ONLINE DOCUMENT
COLLABORATION**
File No. : PSCO-008

Re: Consideration for Certificate of Correction

Consideration has been given your request for a certificate of correction, for the above-identified patent under the provisions of Rule 1.322.

Respecting the alleged errors in your request, the alleged error in the second and third inventors names reveals that there is no discrepancy, and is correct as shown in the printed copy. The incorrect names were shown on the Application Filing Rec. and the Bibliographical Data page, however, the names appears correct in the Oath/Declaration. Therefore, no correction is in order here.

In view of the foregoing, your request is hereby denied.

Spoke with Mr.Naren Chagnati on 4/25/13, and he has acknowledged that there was no discrepancy, because of prior correction.

Future correspondence concerning this matter should be filed and directed to Decisions & Certificates of Correction Branch.

Ernest C. White, LIE

571 273-3385 / Fax 571 273-3385 or ernest.white@uspto.gov

Marietta Joyce, TL (703) 756-1586

ODM/Certificate of Corrections

NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY MO 63017

ECW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION	DOCKET No: PSCO-008

REQUEST FOR A CERTIFICATE OF CORRECTION DUE TO OFFICE ERROR

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

Sir,

On examination of the Issue Notice, Applicants have learned that there are typographical errors in the last names of two applicants as follows. The last names of the second and third named inventors are entered as "Changanti" whereas the correct spelling should be --Chaganti--. These errors are attributable to the Office. See the General Transmittal filed 5/5/2010, which has the correct spellings of the names. Appropriate and expedited correction is respectfully solicited before publication of the patent. No fee is believed to be due with this paper as the error was on the part of the Office.

Respectfully submitted,

January 30, 2012.

/Naren Chaganti/ Reg. No. 44,602
Naren Chaganti
One of the Applicants.

Electronic Acknowledgement Receipt

EFS ID:	11947057
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	30-JAN-2012
Filing Date:	05-MAY-2010
Time Stamp:	10:13:10
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	Request for Certificate of Correction	psco-008-request-to-correct-names-of-inventors.pdf	21703 <small>b03745916e770714895285a846a12693dae ba38b</small>	no	1

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.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/799,945	02/14/2012	8117644	PSCO-008	5345

24490 7590 01/25/2012
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

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

Naren Chaganti, Palo Alto, CA;
Sitapati Rao Changanti, Palo Alto, CA;
Damayanti Changanti, Palo Alto, CA;



UNITED STATES PATENT AND TRADEMARK OFFICE

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



Bib Data Sheet

CONFIRMATION NO. 5345

SERIAL NUMBER 12/799,945	FILING OR 371(c) DATE 05/05/2010 RULE	CLASS 726	GROUP ART UNIT 2432	ATTORNEY DOCKET NO. PSCO-008
APPLICANTS Naren Chaganti, Palo Alto, CA; Sitapati Rao Changanti, Palo Alto, CA; Damayanti Changanti, Palo Alto, CA;				
** CONTINUING DATA ***** This application is a CIP of 09/478,796 01/07/2000 PAT 6845448				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY ** ** 05/21/2010				
Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 8	TOTAL CLAIMS 20
Verified and Acknowledged	Examiner's Signature _____ Initials _____			INDEPENDENT CLAIMS 4
ADDRESS 24490				
TITLE METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION				
FILING FEE RECEIVED 981	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 _____		

Receipt date: 12/05/2010

1279945- GAU: 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
applied	AA	5,355,474	12/21/1997 10/1994	Thuraisingham	395	600	2/28/1992
	BB						
	CC						
	DD						
	EE						
	FF						
	GG						
	HH						
	II						
	JJ						
	KK						

Change(s) applied to document, /D.A.M./ 1/11/2012

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	MM	
	NN	

EXAMINER /Benjamin Lanier/	DATE CONSIDERED 04/05/2011
--------------------------------------	--------------------------------------

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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/

Receipt date: 02/24/2011

12799945- GAU: 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. PSCO-008		APPLICATION NO. 12/799,945			
				FIRST NAMED APPLICANT NAREN CHAGANTI					
				FILING DATE May 5, 2010				GROUP 2132	
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	AA	6,453,305 B1	Sep-02	Glassman	705	59			
	BB	2001/0031066	Oct-01	Meyer	382	100			
	CC	5,204,897 A	Apr-93	Wyman	710	200			
	DD	5,765,152 A	Jun-98	Erikson	1	1			
	EE	5,931,901 A	Aug-99	Wolfe	709	206			
	FF	6,361,012 B1	Apr-02	Atkinson	6,367,012	713	176		
	GG	6,505,160 B1	Jan-03	Levy	704	270			
	HH								
	II								
	JJ								
	KK								
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	
	LL								
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)									
	MM								
	NN								
EXAMINER /Benjamin Lanier/				DATE CONSIDERED 04/05/2011					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Change(s) applied to document, /D.A.M./ 1/11/2012

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/



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

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Rows include application details for Naren Chaganti, examiner LANIER, BENJAMIN E, art unit 2432, and notification date 01/13/2012.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Applicant-Initiated Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	

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

(1) BENJAMIN LANIER. (3) _____.

(2) Naren Chaganti (Reg. No. 44,602). (4) _____.

Date of Interview: 08 December 2011.

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: 15, 19.

Identification of prior art discussed: n/a.

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...)

Mr. Chaganti discussed amending the claims to include a combination of claims 15 and 19. Claim 19 had previously been indicated as including allowable subject matter. Examiner agreed that these amendments would be considered allowable.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

Ser. Nos. 09/634,725, 12/799,945, 13/089,775 and 13/091,387	ART UNIT:2132
FILED:	EXAMINER: BENJAMIN LANIER
TITLE:	DOCKET No: PSCO-007, PSCO-008, PSCO-012 & PSCO-014

PRE-INTERVIEW DISCUSSION POINTS

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

This document is prepared in anticipation of a telephone interview. Please consider the following points.

1. Ser. No. 12/799,945 - In an amendment after final, Applicants would like to cancel all claims including Claim 19 which is indicated as allowable, renumber the claims and rewrite Claim 19 to remove some unnecessary things, and have the claims dependent on Claim 15 to be dependent on (renumbered) Claim 19, and would like to add one system claim that simply recites a server computer that performs the method of (renumbered) claim 19. These changes are suggested without prejudice to the ability to prosecute claim 15 further at a later date.

2. Ser. No. 09/634,725 - we would like to make one additional argument that Glassman "teaches away" in view of a recent BPAI decision in BPAI case no. 2009-012801, entitled *Ex parte Thusoo* (App. Ser. No. Ser. No. 10/662,095) where a reference used words meant to discourage combination:

Moreover, since this explicit disclosure in Reference [A] uses restrictive words such as "only" and "exactly," we find that an ordinarily skilled artisan would have been discouraged from modifying the RETURNING clause to include the ability to operate on separate rows (i.e., return values from separate rows when a value in each row has been inserted, updated, or deleted).

Examiner is respectfully review that case and an October 2010 publication of the PTO entitled, "Examination Guidelines Update: Developments in the Obviousness Inquiry After KSR"

v. Teleflex" which references at Example 4.6 a case on when a reference teaches away from a combination. That case is *DePuy Spine, Inc. v. Medtronic Sofamor Danek, Inc.*, 567 F.3d 1314 (Fed. Cir. 2009), where the Court stated:

Here, Medtronic asserts that achieving a rigid pedicle screw was itself the reason to combine Puno and Anderson. In rebuttal, DePuy argues, and the district court found, that Puno "teaches away" from a rigid screw because Puno warns that rigidity increases the likelihood that the screw will fail within the human body, rendering the device inoperative for its intended purpose. Ensnarement Order, 526 F. Supp. 2d at 172. The district court thus found that Puno's teachings undermine the very reason Medtronic proffers as to why it would have been obvious to combine Puno and Anderson, viz., the creation of a rigid screw.

Applicants believe that the language of Glassman would have been sufficiently discouraging to one of skill in the art for the reasons stated in Glassman. Examiner is respectfully requested to review this case.

3. Ser. No. 13/089,775 – Applicants would like to perhaps file an RCE for this case.

4. Ser. No. 13/091,387 –Applicants would like to discuss if claims in this case can be readied for an appeal.

Respectfully submitted,

/Naren Chaganti/ Reg. No. 44,602
Naren Chaganti

December 7, 2011



UNITED STATES PATENT AND TRADEMARK OFFICE

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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 12/799,945, 05/05/2010, 2432, 981, PSCO-008, 20, 4

CONFIRMATION NO. 5345

CORRECTED FILING RECEIPT



24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

Date Mailed: 01/09/2012

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)

Naren Chaganti, Palo Alto, CA;
Sitapati Rao Changanti, Palo Alto, CA;
Damayanti Changanti, Palo Alto, CA;

Power of Attorney: The patent practitioners associated with Customer Number 24490

Domestic Priority data as claimed by applicant

This application is a CIP of 09/478,796 01/07/2000 PAT 6845448

Foreign Applications (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 05/21/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/799,945

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION

Preliminary Class

726

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**

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set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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

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

NOT GRANTED

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

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



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Bib Data Sheet

CONFIRMATION NO. 5345

SERIAL NUMBER 12/799,945	FILING OR 371(c) DATE 05/05/2010 RULE	CLASS 726	GROUP ART UNIT 2432	ATTORNEY DOCKET NO. PSCO-008
APPLICANTS Naren Chaganti, Palo Alto, CA; Sitapati Rao Changanti, Palo Alto, CA; Damayanti Changanti, Palo Alto, CA;				
** CONTINUING DATA ***** This application is a CIP of 09/478,796 01/07/2000 PAT 6845448				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY ** ** 05/21/2010				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 8	TOTAL CLAIMS 20
Verified and Acknowledged	Examiner's Signature _____ Initials _____		INDEPENDENT CLAIMS 4	
ADDRESS 24490				
TITLE METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION				
FILING FEE RECEIVED 981	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	

Response to Rule 312 Communication	Application No.	Applicant(s)
	12/799,945	CHAGANTI ET AL.
	Examiner	Art Unit
	BENJAMIN LANIER	2432

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

1. The amendment filed on 16 December 2011 under 37 CFR 1.312 has been considered, and has been:
- a) entered.
 - b) entered as directed to matters of form not affecting the scope of the invention.
 - c) disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
 - d) disapproved. See explanation below.
 - e) entered in part. See explanation below.

The new abstract is longer than 150 words.

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,092,196 A	Jul-00	Reiche	726	6	
	BB						
	CC						
	DD						
	EE						
	FF						
	GG						
	HH						
	II						
	JJ						
	KK						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							

OTHER REFERENCES <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
	MM
	NN

EXAMINER	DATE CONSIDERED
----------	-----------------

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



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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner LANIER, BENJAMIN E.

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):

naren@chaganti.com
naren.chaganti@gmail.com



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
12/799,945	05 May 2010	CHAGANTI ET AL.	PSCO-008

NAREN CHAGANTI
 713 THE HAMPTONS LANE
 TOWN & COUNTRY, MO 63017

EXAMINER

BENJAMIN LANIER

ART UNIT	PAPER
2432	20120103

DATE MAILED:

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

Commissioner for Patents

The information disclosure statement filed 13 December 2011 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because the submission lacks a statement under 37 CFR 1.97 (e)(1) or (e)(2). It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

/Benjamin E Lanier/
 Primary Examiner, Art Unit 2432



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CONFIRMATION NO. 5345

CORRECTED FILING RECEIPT



OC000000051769232

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

Date Mailed: 01/03/2012

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Applicant(s)

Naren Chaganti, Palo Alto, CA;
Sitapati Rao Changanti, Palo Alto, CA;
Damayanti Changanti, Palo Alto, CA;

Power of Attorney: The patent practitioners associated with Customer Number 24490

Domestic Priority data as claimed by applicant

This application is a CIP of 09/478,796 01/07/2000 PAT 6845448

Foreign Applications (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 05/21/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/799,945

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION

Preliminary Class

726

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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

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set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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

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

NOT GRANTED

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

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Bib Data Sheet

CONFIRMATION NO. 5345

SERIAL NUMBER 12/799,945	FILING OR 371(c) DATE 05/05/2010 RULE	CLASS 726	GROUP ART UNIT 2432	ATTORNEY DOCKET NO. PSCO-008
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APPLICANTS
 Naren Chaganti, Palo Alto, CA;
 Sitapati Rao Changanti, Palo Alto, CA;
 Damayanti Changanti, Palo Alto, CA;

**** CONTINUING DATA *******
 This application is a CIP of 09/478,796 01/07/2000 PAT 6845448

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

IF REQUIRED, FOREIGN FILING LICENSE GRANTED SMALL ENTITY ****
 ** 05/21/2010

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 8	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

ADDRESS
 24490

TITLE
 METHOD AND SYSTEM FOR ONLINE DOCUMENT COLLABORATION

FILING FEE RECEIVED 981	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
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NOTICE OF ALLOWANCE AND FEE(S) DUE

24490 7590 12/16/2011
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

EXAMINER
LANIER, BENJAMIN E

ART UNIT PAPER NUMBER

2432

DATE MAILED: 12/16/2011

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

12/799,945 05/05/2010 Naren Chaganti PSCO-008 5345

TITLE OF INVENTION: ONLINE PERSONAL LIBRARY

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$870 \$300 \$0 \$1170 03/16/2012

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 SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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
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 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.

24490 7590 12/16/2011
NAREN CHAGANTI
 713 THE HAMPTONS LANE
 TOWN & COUNTRY, MO 63017

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.
12/799,945	05/05/2010	Naren Chaganti	PSCO-008	5345

TITLE OF INVENTION: ONLINE PERSONAL LIBRARY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	\$0	\$1170	03/16/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
LANIER, BENJAMIN E	2432	726-002000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
 PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.
 (A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:
 Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
 A check is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

24490 7590 12/16/2011
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

EXAMINER

LANIER, BENJAMIN E

ART UNIT PAPER NUMBER

2432

DATE MAILED: 12/16/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

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 Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

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

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

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

Examiner-Initiated Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	

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

(1) BENJAMIN LANIER. (3)_____.

(2) Naren Chaganti (Reg. No. 44.602). (4)_____.

Date of Interview: 12 December 2011.

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: 24 and 34.

Identification of prior art discussed: n/a.

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...)

Examiner suggested amending claim 24 to clarify that the accounts are created on the server and that the documents being modified are stored on the server. Additionally, the Examiner suggested an amendment to claim 34 to specify that the server included a processor.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of 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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

Notice of Allowability	Application No.	Applicant(s)	
	12/799,945	CHAGANTI ET AL.	
	Examiner	Art Unit	
	BENJAMIN LANIER	2432	

-- 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 the amendment filed 09 December 2011.

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 24-34.

4. 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 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. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) hereto or 2) to Paper No./Mail Date ____.
(b) 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).

7. 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 type="checkbox"/> Notice of References Cited (PTO-892)	5. <input type="checkbox"/> Notice of Informal Patent Application
2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date ____ .
3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____	7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment
4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance
	9. <input type="checkbox"/> Other ____.

/Benjamin E Lanier/ Primary Examiner, Art Unit 2432	
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DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed 09 December 2011 cancels claims 1-5 and 8-24. Claims 24-34 have been added. Applicant's amendment has been fully considered and entered.

Examiner's Amendment

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

3. Authorization for this examiner's amendment was given in a telephone interview with Naren Chaganti (Reg. No. 44,602) on 09 December 2011.

The application has been amended as follows:

For claim 24, add “, on the server computer coupled to the Internet,” after “establishing” on line 3.

For claim 24, add “, on the server computer,” after “storing” on line 4.

For claim 34, add “comprising a processor” after “system” on line 1.

Allowable Subject Matter

4. Claims 24-34 are allowed.

This communication warrants No Examiner's Reason for Allowance, applicant's reply (12/9/2011) makes evident the reasons for allowance, satisfying the “record as a whole” proviso of the rule 37 CFR 1.104(e). Specifically, new claim 24 incorporates the limitations of previous

claims 15 and 19, as such the reasons for allowance are in all probability evident from the record and no statement is deemed necessary (see MPEP 1302.14).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN LANIER whose telephone number is (571)272-3805. The examiner can normally be reached on M-Th 7:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(((online near3 library)) and (((log\$4 or track\$3) same (modification\$1 or edit \$1)) same (id\$1 or identifier\$1 or identification))).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/12/12 09:44
L2	0	(((online near3 library)) and (((log\$4 or track\$3) same (modification\$1 or edit \$1)) and (id\$1 or identifier\$1 or identification))).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/12/12 09:44
L3	0	(((collaborat\$3 near1 tool\$1)) and (((log\$4 or track\$3) near3 (modification\$1 or edit \$1)) same (id\$1 or identifier\$1 or identification))).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/12/12 09:44
L4	1	(((collaborat\$3 near1 tool\$1)) and (((log\$4 or track\$3) same (modification\$1 or edit \$1)) and (id\$1 or identifier\$1 or identification))).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/12/12 09:45
L5	1	(((collaborat\$3 near1 tool\$1)) and (((log\$4 or track\$3) same (modification\$1 or edit \$1)))).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/12/12 09:45

12/ 12/ 11 9:45:44 AM

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

RESPONSE TO OFFICE ACTION DATED NOVEMBER 2, 2011

Assistant commissioner for Patents
Mail Stop AF
Box 1450
Alexandria, VA 22313-1450

OK to enter
/BL/
12/12/2011

Sir:

This is in response to the final office action dated November 2, 2011 in the referenced case. In this paper, claim amendments are presented at page 2, and Remarks section starts at page 5. No fee is believed to be due.

Claim Amendments

1 – 23. (canceled without prejudice)

24. (New) A method for online document collaboration, the method comprising the steps performed by a server computer:

establishing an account for each of a plurality of users;

storing a document created by a first user;

associating a set of access restrictions with the document, said access restrictions including an ability to access the document for modification by one of a first group of users, said first group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, wherein said request to modify accompanies the second user's identification information;

verifying the identity of the second user;

permitting the second user to modify the document based on a set of access rights granted to the second user;

receiving approval or disapproval for the modifications from one or more users; and

storing identifying information of the one or more users who approved or disapproved the modifications to the document.

25. (New) The method of claim 24, wherein the step of verifying the identity of the second user further comprises the step of:

verifying the second user based on one or more criteria from: (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second user, (d) the second user's password, (e) a security level of the second user, (f) security level of a requesting device, (g) security level of a device to

which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) address from where a request is made, (l) Internet address from which a request is made, (m) time of day, or (n) day of week.

26. (New) The method of claim 24 further comprising the step of:

creating an audit trail of the document access.

27. (New) The method of claim 24 further comprising the step of:

if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

28. (New) The method of claim 24, where the modification to the document includes adding new material to the document, deleting material from the document, making notes within the document, underlining material in the document, adding a digital signature to the document or highlighting material in the document.

29. (New) The method of claim 24, further comprising the step of:

applying the modification made by the second user to the document.

30. (New) The method of claim 29, further comprising the step of:

storing the identity of the second user.

31. (New) The method of claim 29, further comprising the step of:

storing the modified document.

32. (New) The method of claim 24, further comprising the step of:

storing the modifications made by the second user to the document.

33. (New) The method of claim 24, wherein the document is a web page, a news article, a

word processor document, a spread sheet, a presentation, an e-book, a piece of music, a piece of audio, a piece of video, a movie, an image, a photograph, or a three-dimensional image.

34. (New) A server computer system configured to execute the method of Claim 24.

REMARKS

This is in response to the final office action dated November 2, 2011, which rejected all but one of the pending claims as unpatentable. Applicants acknowledge with thanks the indication that Claim 19 is allowable. This is an after-final response to amend Claim 15 from which Claim 19 depends to incorporate all the features of Claim 15 into Claim 19, save for certain changes.

Interview with the Examiner

On November 22, 2011 Applicants had a telephone interview with Examiner Lanier on this application and other pending related applications. On November 29, 2011 a further telephone interview was held. Applicants thank Examiner Lanier for the courtesies shown in discussing the matters under examination. A further interview was held on December 8, 2011. No agreement is reached as to allowance of the rejected claims. In the third interview, Applicants informed the Examiner of their election to file an After-Final Amendment seeking allowance of the allowed claim and some dependent claims as well as a claim directed toward a server computer that executed the method steps of the allowed claim.

Amendment to the Title

Please replace the title with --Method and System for Online Document Collaboration--.

Amendments to the Claims

Claims 1- 23 are canceled without prejudice. Claim 24 recites features of Claim 19 in an independent form with some changes. The changes are redlined as follows:

~~19. (Old)~~ 24. (New) A method for online document collaboration, the method comprising the steps of:
~~establishing, or performed by a server computer coupled to the Internet;~~

~~establishing~~ an account for each of a plurality of users;
~~creating, storing a document created by a first user, a document for modification by each~~
~~of the plurality of users;~~
~~storing the document on the server computer;~~
~~granting~~ associating a set of access restrictions ~~for~~with the document, said access
restrictions including an ability to access the document for modification by one of a ~~select~~first
group of users, said ~~select~~first group of users being users whose identities are known to the
server computer;

receiving, from a second user, a request to modify the document, ~~wherein~~ said request to
modify ~~includes~~accompanies the second user's identification information;

verifying the identity of the second user; ~~and~~

permitting the second user to modify the document based on a set of access rights granted
to the second user;

~~after a document is modified, receiving approval or disapproval~~ for the modifications
from one or more ~~of a group of users;~~ and

storing identifying information of ~~each one of the one or more of a group of users who~~
approved ~~or disapproved~~ the modifications to the document.

New claim 25 recites features of canceled claim 16 and is amended as redlined below.

~~16. (Old 25. (New))~~ The method of claim ~~15~~24, wherein the step of verifying the identity
of the second user further comprises the ~~step~~step of:

~~receiving identification from the second user; and~~

verifying the second user based on one or more criteria from: (a) a description of

information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second user, (d) the second user's password, (e) a security level of the second user, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) ~~location~~ address from which where a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, ~~(n) time of day when a response is desired,~~ ~~(o) day of week a request is made, or (p) a day of week when a response is desired.~~

These changes are not believed to add any new matter. They are supported in the Specification. Examiner is respectfully requested to review and enter the amendment.

DETAILED EXPLANATION OF AMENDMENTS TO THE CLAIMS

These changes include deletion of the following from the first step:

~~on a server computer coupled to the Internet,~~

This is deleted because the recitation that the steps are executed on the server computer is made in the preamble. Further, the changes include

~~creating, by a first user, a document for modification by each of the plurality of users;~~
~~storing the a document created by a first user on the server computer;~~

This is to clarify the features of the claim and to recite that the server stores a document created by a first user. No new matter is thereby added. The changes further include:

receiving, from a second user, a request to modify the document, said request to modify includes accompanies the second user's identification information;

This change is made to indicate that the request to modify the document accompanies the requester's identification information. No new matter is added as a result of this change. This clarifies the features of the claim. Further, in copying the steps of Claim 15 to Claim 19 (and restating the same as Claim 24), the part,

~~after a document is modified,~~

is deleted in view that the Examiner's statement that "the prior art does not disclose or make obvious the claimed requirement that the modifications be approved by the group of users, and storing the identity of those users who approved the modifications to the document." Examiner is respectfully requested to review and enter this amendment.

Further, the "receiving" step is changed to recite ~~--receiving approval or disapproval--~~ and the "storing" step recites ~~--approved or disapproved--~~. Further the recitation "each one of" is deleted. Support for the changes is in the Specification at Page 34, line 23. Examiner is respectfully requested to review and enter the amendment.

Finally, as a "user" could be a person or a computer program, see Specification at page 3, lines 4-6, the term "who" in the storing step is replaced with the term ~~--that--~~ for clarification. No new matter is added as a result. Examiner is requested to review and enter the amendment.

Claim 25 is the same as former claim 16 with the following part deleted:

~~receiving identification from the second user; and~~

This is deleted because the claim from which Claim 25 depends, i.e., Claim 24, recites that the server receives the second user's identification information. Additionally, certain other criteria for verification of the second user are amended as shown in the redlined version above. No new matter is added as a result of this deletion. Examiner is respectfully requested to review and enter the amendment.

Claim 29 is a modified version of former Claim 21, where the following part is deleted:

~~storing the identity of the second user; and~~

~~storing the modified document.~~

No new matter is added as a result of this deletion. These two steps are recited as new claims dependent on Claim 29 as follows.

New Claim 30 depends from Claim 29 and recites a deleted part of Old Claim 21, that is,

storing the identity of the second user.

No new matter is added as a result of this deletion. Examiner is respectfully requested to review and enter the amendment.

New Claim 31 depends from Claim 29 and recites a deleted part of Old Claim 21, that is,

storing the modified document.

No new matter is added as a result of this change. Examiner is respectfully requested to review and enter the amendment.

New Claim 33 recites that the document is a

web page, a news article, a word processor document, a spread sheet, a presentation, an e-book, a piece of music, a piece of audio, a piece of video, a movie, an image, a photograph, or a three-dimensional image.

Support for this recitation is in the Specification at page 2, line 30 to page 3, line 2. Examiner is respectfully requested to review and enter this amendment.

New Claim 34 is directed toward a server computer system configured to perform the method of claim 24. The Specification has support for this recitation. Examiner is respectfully requested to review and enter this amendment.

No fee is believed for the new claim because the total number of claims remains less than 20 and the total number of independent claims is less than 3.


Conclusion

Examiner is requested to process this matter as an after-final amendment. No fee is believed to be due for this amendment. Applicants will prosecute the canceled claims in a continuing application.

Respectfully Submitted,

/Naren Chaganti/ (Reg. No. 44,602)
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713 The Hamptons Lane
Town & Country, Mo 63017
(650) 248-7011 phone
naren@chaganti.com


One of the Applicants

<i>Index of Claims</i> 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN LANIER	Art Unit 2432

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

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

CLAIM		DATE							
Final	Original	11/26/2010	04/05/2011	07/05/2011	10/27/2011	12/12/2011			
	1	✓	✓	✓	✓	-			
	2	✓	✓	✓	✓	-			
	3	✓	✓	✓	✓	-			
	4	✓	✓	✓	✓	-			
	5	✓	✓	✓	✓	-			
	6	✓	-	-	-	-			
	7	✓	-	-	-	-			
	8	✓	✓	✓	✓	-			
	9	✓	✓	✓	✓	-			
	10	✓	✓	✓	✓	-			
	11	✓	✓	✓	✓	-			
	12	✓	✓	✓	✓	-			
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	14	✓	✓	✓	✓	-			
	15	✓	✓	✓	✓	-			
	16	✓	✓	✓	✓	-			
	17	✓	✓	✓	✓	-			
	18	✓	✓	✓	✓	-			
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	22		✓	✓	✓	-			
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3	26					=			
4	27					=			
5	28					=			
6	29					=			
7	30					=			
8	31					=			
9	32					=			
10	33					=			
11	34					=			

Search Notes 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Updated Search of 713/182-186; 726-2-9, 26-33	12/12/2011	BL
Interference Search (See Attachment)	12/12/2011	BL

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
	see above	12/12/2011	BL

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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)

Naren Chaganti
 713 The Hamptons Lane
 Town & Country, MO 63017

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.

Naren Chaganti	(Depositor's name)
/Naren Chaganti/	(Signature)
12-16-2011	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/799,945	May 5, 2010	Naren Chaganti	PSCO-008	5345

TITLE OF INVENTION:

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	\$1170	3/16/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1_
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2_
 3_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Pennar Software Corporation
 (B) RESIDENCE: (CITY and STATE OR COUNTRY) Alexandria, VA 22304

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

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

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Naren Chaganti/ Date 12-16-2011
 Typed or printed name NAREN CHAGANTI Registration No. 44,602

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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.

Electronic Patent Application Fee Transmittal

Application Number:	12799945			
Filing Date:	05-May-2010			
Title of Invention:	ONLINE PERSONAL LIBRARY			
First Named Inventor/Applicant Name:	Naren Chaganti			
Filer:	Naren Chaganti			
Attorney Docket Number:	PSCO-008			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	870	870
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1170

Electronic Acknowledgement Receipt

EFS ID:	11643732
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	ONLINE PERSONAL LIBRARY
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	16-DEC-2011
Filing Date:	05-MAY-2010
Time Stamp:	17:40:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1170
RAM confirmation Number	5016
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	Amendment after Notice of Allowance (Rule 312)	pSCO-008_resp_to_oa_12_16_2011.pdf	28083 5fda14be579b04eda47e027bf5d3d4e6cc04e6b0	no	4
Warnings:					
Information:					
2	Issue Fee Payment (PTO-85B)	pSCO-008_ptol85b-print.pdf	41002 fe38b9d5e47cd19e376436b5f04362da40f6b60	no	1
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	31506 8220fc9d84feb5b6e37dd666538796c25c55a46	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			100591		
<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

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

AMENDMENT AFTER NOTICE OF ALLOWANCE UNDER RULE 312

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Notice of Allowance and Issue Fees Due. In this paper, a request is made to change the title and the abstract of the invention. No other changes are requested. Amendment to the Title is made at page 2, and Amendment to the Abstract is presented at page 3. A Remarks section is presented at page 4.

Amendment to the Title

Please replace the title with --Method and System for Online Document Collaboration--.

Amendment to the Abstract

Please replace the Abstract with the following paragraph.

--A method and system for online document collaboration includes the steps of establishing on a server computer coupled to the Internet an account for each of a plurality of users; storing on the server computer a document created by a first user; associating a set of access restrictions with the document, said access restrictions including an ability to access the document for modification by one of a first group of users, said first group of users being users whose identities are known to the server computer; receiving, from a second user, a request to modify the document, wherein said request to modify accompanies the second user's identification information; verifying the identity of the second user; permitting the second user to modify the document based on a set of access rights granted to the second user; receiving approval or disapproval for the modifications from one or more users; and storing identifying information of the one or more users who approved or disapproved the modifications to the document. In alternative embodiments, the method further includes the step(s) of storing the modified document, storing the identity of the user who modified the document, notifying one or more members of a group if the document is modified or transmitting the modified document to one or more members of a group.--

REMARKS

This is in response to the Notice of Allowance and Issue Fees Due. In this paper, the title is amended to more suitably connote the allowed claims, and the Abstract is replaced with a recitation of the allowed claims. The Abstract is amended to facilitate ease of understanding the claimed subject matter. Applicants requested change of title in a prior response, and the amendment to the Abstract was overlooked at the time the prior response was filed on December 9, 2011.

No new matter is added as a result of the changes. Examiner is respectfully requested to enter the amendments. No additional fee is believed due with this paper.

Respectfully Submitted,

/Naren Chaganti/ (Reg. No. 44,602)

Naren Chaganti

713 The Hamptons Lane

Town & Country, Mo 63017

(650) 248-7011 phone

naren@chaganti.com

One of the Applicants

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,092,196 A	Jul-00	Reiche	726	6	
	BB						
	CC						
	DD						
	EE						
	FF						
	GG						
	HH						
	II						
	JJ						
	KK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	MM	
	NN	

EXAMINER	DATE CONSIDERED
-----------------	------------------------

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

Electronic Acknowledgement Receipt

EFS ID:	11604064
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	13-DEC-2011
Filing Date:	05-MAY-2010
Time Stamp:	13:27:09
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	Transmittal Letter	psco-008-IDS-6.pdf	13584 <small>99496f5a1980b71da3d7ed04d3afde3498c d957f</small>	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Form (SB08)	psco-008-IDS-1449_form-6.pdf	53522	no	1
			d8d75253d7e77131416c1385e6aaaa44c93290e		

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

Total Files Size (in bytes):	67106
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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

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit: 2132
Filed: May 5, 2010	Examiner: Benjamin Lanier
Title: Online Personal Library	Docket No.: PSCO-008

FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the Applicants' duty of disclosure under 37 C.F.R. § 1.56, Examiner's attention is hereby directed to these references as shown in the attached Forms PTO-1449 (List of References cited by the Applicant) and/or PTO-892 (List of References Cited by the Examiner). Copies of NPL references (if any) are attached. Patent references can be found in the PAIR system. These references are cited by Examiner or Applicant in a related case within 90 days of the filing of this paper.

Identification of these references should not be construed as an admission that any of the information in these references constitutes "prior art" for the purposes of the instant application. It is respectfully requested that the Examiner review the listed references and make the references of record in the file history of the instant application. No fee is believed to be due for this submission.

Respectfully Submitted,

Date: December 13, 2011

/Naren Chaganti/ (44,602)
Naren Chaganti, Esquire Reg. No.
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Town & Country, MO 63017
(650) 248-7011 phone
naren@chaganti.com E-mail

One of the Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

RESPONSE TO OFFICE ACTION DATED NOVEMBER 2, 2011

Assistant commissioner for Patents
Mail Stop AF
Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the final office action dated November 2, 2011 in the referenced case. In this paper, claim amendments are presented at page 2, and Remarks section starts at page 5. No fee is believed to be due.

Claim Amendments

1 – 23. (canceled without prejudice)

24. (New) A method for online document collaboration, the method comprising the steps performed by a server computer:

establishing an account for each of a plurality of users;

storing a document created by a first user;

associating a set of access restrictions with the document, said access restrictions including an ability to access the document for modification by one of a first group of users, said first group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, wherein said request to modify accompanies the second user's identification information;

verifying the identity of the second user;

permitting the second user to modify the document based on a set of access rights granted to the second user;

receiving approval or disapproval for the modifications from one or more users; and

storing identifying information of the one or more users who approved or disapproved the modifications to the document.

25. (New) The method of claim 24, wherein the step of verifying the identity of the second user further comprises the step of:

verifying the second user based on one or more criteria from: (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second user, (d) the second user's password, (e) a security level of the second user, (f) security level of a requesting device, (g) security level of a device to

which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) address from where a request is made, (l) Internet address from which a request is made, (m) time of day, or (n) day of week.

26. (New) The method of claim 24 further comprising the step of:

creating an audit trail of the document access.

27. (New) The method of claim 24 further comprising the step of:

if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

28. (New) The method of claim 24, where the modification to the document includes adding new material to the document, deleting material from the document, making notes within the document, underlining material in the document, adding a digital signature to the document or highlighting material in the document.

29. (New) The method of claim 24, further comprising the step of:

applying the modification made by the second user to the document.

30. (New) The method of claim 29, further comprising the step of:

storing the identity of the second user.

31. (New) The method of claim 29, further comprising the step of:

storing the modified document.

32. (New) The method of claim 24, further comprising the step of:

storing the modifications made by the second user to the document.

33. (New) The method of claim 24, wherein the document is a web page, a news article, a

word processor document, a spread sheet, a presentation, an e-book, a piece of music, a piece of audio, a piece of video, a movie, an image, a photograph, or a three-dimensional image.

34. (New) A server computer system configured to execute the method of Claim 24.

REMARKS

This is in response to the final office action dated November 2, 2011, which rejected all but one of the pending claims as unpatentable. Applicants acknowledge with thanks the indication that Claim 19 is allowable. This is an after-final response to amend Claim 15 from which Claim 19 depends to incorporate all the features of Claim 15 into Claim 19, save for certain changes.

Interview with the Examiner

On November 22, 2011 Applicants had a telephone interview with Examiner Lanier on this application and other pending related applications. On November 29, 2011 a further telephone interview was held. Applicants thank Examiner Lanier for the courtesies shown in discussing the matters under examination. A further interview was held on December 8, 2011. No agreement is reached as to allowance of the rejected claims. In the third interview, Applicants informed the Examiner of their election to file an After-Final Amendment seeking allowance of the allowed claim and some dependent claims as well as a claim directed toward a server computer that executed the method steps of the allowed claim.

Amendment to the Title

Please replace the title with --Method and System for Online Document Collaboration--.

Amendments to the Claims

Claims 1- 23 are canceled without prejudice. Claim 24 recites features of Claim 19 in an independent form with some changes. The changes are redlined as follows:

~~19. (Old 24. (New)~~ A method for online document collaboration, the method comprising the steps of:
~~establishing, or performed by a server computer coupled to the Internet;~~

~~establishing~~ an account for each of a plurality of users;
~~creating, storing a document created by a first user, a document for modification by each~~
~~of the plurality of users;~~
~~storing the document on the server computer;~~
~~granting~~ associating a set of access restrictions ~~for~~with the document, said access
restrictions including an ability to access the document for modification by one of a ~~select~~first
group of users, said ~~select~~first group of users being users whose identities are known to the
server computer;

receiving, from a second user, a request to modify the document, ~~wherein~~ said request to
modify ~~includes~~accompanies the second user's identification information;

verifying the identity of the second user; ~~and~~
permitting the second user to modify the document based on a set of access rights granted
to the second user;

~~after a document is modified, receiving approval or disapproval~~ for the modifications
from one or more ~~of a group of users;~~ and

storing identifying information of ~~each one of the one or more of a group of users who~~
approved ~~or disapproved~~ the modifications to the document.

New claim 25 recites features of canceled claim 16 and is amended as redlined below.

~~16. (Old)~~25. (New) The method of claim ~~15~~24, wherein the step of verifying the identity
of the second user further comprises the ~~step~~step of:

~~receiving identification from the second user; and~~

verifying the second user based on one or more criteria from: (a) a description of

information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second user, (d) the second user's password, (e) a security level of the second user, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) ~~location~~ address from which where a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, ~~(n) time of day when a response is desired,~~ ~~(o) day of week a request is made, or (p) a day of week when a response is desired.~~

These changes are not believed to add any new matter. They are supported in the Specification. Examiner is respectfully requested to review and enter the amendment.

DETAILED EXPLANATION OF AMENDMENTS TO THE CLAIMS

These changes include deletion of the following from the first step:

~~on a server computer coupled to the Internet,~~

This is deleted because the recitation that the steps are executed on the server computer is made in the preamble. Further, the changes include

~~creating, by a first user, a document for modification by each of the plurality of users;~~
storing the a document created by a first user on the server computer;

This is to clarify the features of the claim and to recite that the server stores a document created by a first user. No new matter is thereby added. The changes further include:

receiving, from a second user, a request to modify the document, said request to modify ~~includes~~ accompanies the second user's identification information;

This change is made to indicate that the request to modify the document accompanies the requester's identification information. No new matter is added as a result of this change. This clarifies the features of the claim. Further, in copying the steps of Claim 15 to Claim 19 (and restating the same as Claim 24), the part,

~~after a document is modified,~~

is deleted in view that the Examiner's statement that "the prior art does not disclose or make obvious the claimed requirement that the modifications be approved by the group of users, and storing the identity of those users who approved the modifications to the document." Examiner is respectfully requested to review and enter this amendment.

Further, the "receiving" step is changed to recite ~~--receiving approval or disapproval--~~ and the "storing" step recites ~~--approved or disapproved--~~. Further the recitation "each one of" is deleted. Support for the changes is in the Specification at Page 34, line 23. Examiner is respectfully requested to review and enter the amendment.

Finally, as a "user" could be a person or a computer program, see Specification at page 3, lines 4-6, the term "who" in the storing step is replaced with the term ~~--that--~~ for clarification. No new matter is added as a result. Examiner is requested to review and enter the amendment.

Claim 25 is the same as former claim 16 with the following part deleted:

~~receiving identification from the second user; and~~

This is deleted because the claim from which Claim 25 depends, i.e., Claim 24, recites that the server receives the second user's identification information. Additionally, certain other criteria for verification of the second user are amended as shown in the redlined version above. No new matter is added as a result of this deletion. Examiner is respectfully requested to review and enter the amendment.

Claim 29 is a modified version of former Claim 21, where the following part is deleted:

~~storing the identity of the second user; and~~

~~storing the modified document.~~

No new matter is added as a result of this deletion. These two steps are recited as new claims dependent on Claim 29 as follows.

New Claim 30 depends from Claim 29 and recites a deleted part of Old Claim 21, that is,

storing the identity of the second user.

No new matter is added as a result of this deletion. Examiner is respectfully requested to review and enter the amendment.

New Claim 31 depends from Claim 29 and recites a deleted part of Old Claim 21, that is,

storing the modified document.

No new matter is added as a result of this change. Examiner is respectfully requested to review and enter the amendment.

New Claim 33 recites that the document is a

web page, a news article, a word processor document, a spread sheet, a presentation, an e-book, a piece of music, a piece of audio, a piece of video, a movie, an image, a photograph, or a three-dimensional image.

Support for this recitation is in the Specification at page 2, line 30 to page 3, line 2. Examiner is respectfully requested to review and enter this amendment.

New Claim 34 is directed toward a server computer system configured to perform the method of claim 24. The Specification has support for this recitation. Examiner is respectfully requested to review and enter this amendment.

No fee is believed for the new claim because the total number of claims remains less than 20 and the total number of independent claims is less than 3.

Conclusion

Examiner is requested to process this matter as an after-final amendment. No fee is believed to be due for this amendment. Applicants will prosecute the canceled claims in a continuing application.

Respectfully Submitted,

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One of the Applicants

Electronic Acknowledgement Receipt

EFS ID:	11581716
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	09-DEC-2011
Filing Date:	05-MAY-2010
Time Stamp:	13:09:45
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	Amendment After Final	psco-008_resp_to_oa_11_2_2011.pdf	54464 <small>9474529d91ebdfde032b85b53f8356dd33009fc0</small>	no	10

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.

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 12/799,945		Filing Date 05/05/2010		<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		OR		N/A			
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A	N/A		N/A		OR		N/A			
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A		OR		N/A			
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =	*		X \$ =		OR		X \$ =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		X \$ =		OR		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))												
					TOTAL				TOTAL			
* If the difference in column 1 is less than zero, enter "0" in column 2.												
APPLICATION AS AMENDED – PART II												
(Column 1)			(Column 2)		(Column 3)		SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT	12/09/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 11	Minus	** 21	= 0	X \$30 =	0	OR		X \$ =		
	Independent (37 CFR 1.16(h))	* 1	Minus	***4	= 0	X \$125 =	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				TOTAL ADD'L FEE		
(Column 1)			(Column 2)		(Column 3)		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 \$ =		OR		X \$ =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		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				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: /CATHERINE SMITH/												

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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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes sub-tables for EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, and DELIVERY MODE.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Applicant-Initiated Interview Summary	Application No.	Applicant(s)	
		12/799,945	CHAGANTI ET AL.
	Examiner	Art Unit	
	BENJAMIN LANIER	2432	
<p>All participants (applicant, applicant's representative, PTO personnel):</p> <p>(1) <u>BENJAMIN LANIER.</u> (3) _____.</p> <p>(2) <u>Naren Chaganti (Reg. No. 44,602).</u> (4) _____.</p> <p>Date of Interview: <u>29 November 2011.</u></p> <p>Type: <input checked="" type="checkbox"/> Telephonic <input type="checkbox"/> Video Conference <input type="checkbox"/> Personal [copy given to: <input type="checkbox"/> applicant <input type="checkbox"/> applicant's representative]</p> <p>Exhibit shown or demonstration conducted: <input type="checkbox"/> Yes <input type="checkbox"/> No. If Yes, brief description: _____.</p> <p>Issues Discussed <input type="checkbox"/>101 <input type="checkbox"/>112 <input checked="" type="checkbox"/>102 <input type="checkbox"/>103 <input type="checkbox"/>Others (For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)</p> <p>Claim(s) discussed: <u>15.</u></p> <p>Identification of prior art discussed: <u>Phillips.</u></p> <p>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...)</p> <p><u>Mr. Chaganti wanted to follow up on the interview dated 22 November 2011 where Examiner provided citations in the Phillips provisional for support of the relied upon Phillips reference. Mr. Chaganti did not believe the provisional to show that the modifications to the documents were made on the server. Examiner explained that the point of the system described in the provisional was to enable updating of documents stored on the server. Mr. Chaganti stated that the documents of Phillips are modified on the client and then the update information is transmitted to the server. Examiner explained that this recitations meets the claim limitations .</u></p> <p>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</p> <p>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.</p> <p><input checked="" type="checkbox"/> Attachment</p>			
/Benjamin E Lanier/ Primary Examiner, Art Unit 2432			

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

PRE-INTERVIEW DISCUSSION POINTS

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

This document is prepared in anticipation of a telephone interview. Please consider the following points.

Examiner appears to have read Manolis out of context

Applicants believe that the office action applied the references out of context in which the references and omitted certain key aspects of the references thereby selectively used portions of references in order to argue invalidity of the claims under examination. In comparing the claimed invention as a whole to a reference, claim limitations are not to be treated pieces of a puzzle that can be rearranged to match pieces of a reference taken out of context. A reference may be used only if the reference properly discloses the claimed principles of invention.

At relevant part, Manolis describes photo sharing using a method described as an “envelope”, which is addressed to “the intended share recipient along with information (URL, Sign In name, password, etc.) for accessing the shared images.” See Manolis for the relevant description as follows:

As shown in FIGS. 24 and 25, a user optionally can share his/her online photos (i.e., those images that the user has uploaded to the host computer system) with other users (e.g., friends, family, colleagues, etc.) in order to make a personalized collection of photos available to each of the other users. To do so, the user accesses the Share Photos page 2400 and addresses the Unaddressed envelope 2401 in the manner described above. The Share Photos envelope 2401 differs, however, from the envelopes presented in the My Photos page. Specifically, the Share Photos envelope 2401 does not hold images that are to be printed and delivered to one or more recipients; rather, the Share Photos envelope 2401 hold images that are to be made accessible online to the specified share recipient. That recipient, however, can then order prints of the shared images if desired.

After addressing the Share Photos envelope 2401, the user optionally can specify a subject line 2402 and/or a message 2403 that will be sent in an automatically generated e-mail message (not shown) to the intended share recipient, along with information (URL, Sign In name, password, etc.) for accessing the shared images. The user completes the photo-sharing sequence by clicking the Share Now button 2404, which results in the above-noted photo-sharing e-mail message to be generated and sent, and causes the host system to set access permissions as appropriate to allow the intended share recipient to access the online images specified by the user. The host system confirms successful completion of the photo-sharing sequence by displaying a Share Confirmed pop-up window 2600, as shown in FIG. 26.

USP 7,243,079 at Col. 9, ll. 37-65. (underline added). “An envelope is a virtual storage entity for holding images that are to be printed and delivered to a single destination.” *Id.*, Col.7, ll. 0-32. As seen, read in context, first Manolis describes an “envelope 2401 [to] hold images that are to be made accessible online to the specified share recipient”. Thus Manolis requires an envelope to hold images for access by the share recipient. No envelope is present in the rejected claim. It is believed that an office action cannot take a reference and edit portions of the reference out in order to match the reference to the claims under examination. The reference must be viewed as a whole, and in this case, Manolis requires an envelope which is a “virtual storage entity for holding images to be printed and delivered to a single destination.”

Second, and more importantly, Manolis does not “associate[] with the information object at least one of a plurality of security levels,” as recited in Claim 9. To this the office action argues that because a binary “permitted to access” and “not permitted to access” choice is available, it was equivalent to associating one of a plurality of security levels with an information object. But this is an incorrect reading of Manolis. The system in which a user can or cannot access the envelope without a password is quite different from a system that associates each information object a security level. For one thing, the Specification clearly states that associating a security level for each information object enables selective distribution of the information objects to different requesters. See 09/478,796 at page 23, lines 21-24, which states:

In a preferred embodiment, any requested information is released to a requester only if the security level of the requester 105 is at least that of all information objects requested. In other embodiments, only those information objects that are at or below the security level of the requester 105 are released to the requester.

Thus, while the use of assigning a security level to an information object permits release of information in a selective manner, such selection is not possible if one is given a method with a binary “permitted to access” or “not permitted to access.” If a proposed reading of a reference would change the principle of operation of the invention being evaluated, then the teachings of the reference are not sufficient to render the claims invalid. *In re Ratti*, 270 F.2d 810, 813 123 USPQ 349, 352 (CCPA 1959) (“suggested combination of references would require a substantial reconstruction and redesign of the elements shown in [the primary reference] as well as a change

in the basic principle under which the [primary reference] construction was designed to operate."). See also, M.P.E.P. § 2143.01. Reconsideration is respectfully requested.

Phillips is an inapposite reference

Examiner appears to view that Phillips provisional application 60/163,008 disclosed all the elements of Claim 15. However, this appears to be an error because Phillips provisional application does not disclose the following step performed by a server computer:

permitting the second user to modify the document based on a set of access rights granted to the second user.

Examiner appears to view that Phillips provisional at ¶¶ 4.3.5 & 4.4 disclosed this step. However, Phillips provisional application at ¶ 4.3.5 states that the file is downloaded to a client for modification.

With good authentication in place, controlling file access is straight forward: the server [sic] will not download files to which the user has no read-access and will not accept changes for which the user has no write access. [¶] Once a file is downloaded and cached at a client, access control is enforced by the client.

And ¶ 4.4 states as follows:

Files being modified can not [sic] be shared; that is, write sharing is not supported nor is reading by one user while writing by another user.

The server bookkeeps [sic] which clients are read-sharing a file, or which [single] client is writing a file. This bookkeeping lets the server block incompatible operations on the file or on the file's directory path.

The server monitors its connectedness to dl clients. If a client disconnects, the server cleans up as though the client had closed all files it had open.

Nothing in Phillips indicates that a modification can be made online to a document stored in an online repository. Phillips appears to disclose that a document can be downloaded to a client, modified at the client, and the modified document could be uploaded to the server. In Phillips, the server appears to be used as a storage device and a “bookkeeping” entity to track which user is reading or writing which document. Reconsideration is respectfully requested.

Examiner is respectfully requested to reconsider.

Respectfully submitted,

/Naren Chaganti/ Reg. No. 44,602

Naren Chaganti

November 25, 2011.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner LANIER, BENJAMIN E.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Applicant-Initiated Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	

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

(1) BENJAMIN LANIER. (3)_____.

(2) Naren Chaganti (Reg. No. 44,602). (4)_____.

Date of Interview: 22 November 2011.

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: 9 and 15.

Identification of prior art discussed: Manolis, Phillips.

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...)

Mr. Chaganti discussed the limitations of claim 9 specific to the claimed security levels in relation to the Manolis reference. Mr. Chaganti outlined how he believed the claims to differ from Manolis. Examiner pointed out how Manolis read on the claims as currently worded. Examiner suggested amending the claims to further clarify the security levels and the security levels are used in the claimed determination step. Mr. Chaganti requested citations from the Phillips provisional to show support for the relied upon sections of the Phillips reference. Examiner pointed to pages 1, 2, 10, and 11 of the Phillips provisional.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET NO: PSCO-008

PRE-INTERVIEW DISCUSSION POINTS

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

This document is prepared in anticipation of a telephone interview. Please consider the following points.

Claim 1 recites in relevant part:

receiving authorization to store the first information object in the first user's online repository from a second computer wherein the second computer receives an instruction from a user computer to send the information object for storage in the first user's online repository; and

The office action objected to this under 35 U.S.C. § 112

Though reference is made only to a single instance of each of the client and the server computers, it should be noted that the invention can be practiced using an architecture comprising a plurality of client computers (not shown) and/or a plurality of server computers (not shown).

See Ser. No. 09/478,796, at page 19, lines 23-26. Noting that the office action also references *In re Wands*, 858 F.2d 731, 735 (Fed. Cir.1988), it is clear that the existence of a second server computer is disclosed and enabled without "undue" experimentation. Reconsideration is requested.

Claim 9 recites as follows:

9. A method of sharing an information object with at least one of a plurality of users, wherein said information object comprises voice, video, data, text and/or any combinations thereof, the method comprising the following steps performed by a server computer:

* * *

associating with the information object at least one of a plurality of security levels;

* * *

determining whether the second party is authorized to access the information object based on the at least one of a plurality of security levels associated with the information object;

* * *

rejecting the second party's request for the information object if the second party is not authorized to receive.

(underlining added) The office action states that the step of associating “one of a plurality of security levels” with the information object is disclosed in Manolis. The office action argues that the access permissions of “permitted to access” and “not permitted to access” meets the claim limitation. However, this is not disclosed in Manolis, which states,

The user completes the photo-sharing sequence by clicking the Share Now button 2404, * * * and causes the host system to **set access permissions** as appropriate to **allow the intended share recipient** to access the online images specified by the user.

(Emphasis added) Thus, in Manolis, a host system “set[s] access permissions to allow the intended share recipient to access the online images specified by the user.” Nowhere is it disclosed that an online image is associated with one or more of a plurality of security levels. In addition, Manolis does not disclose that “whether the second party is authorized to access the information object [is determined] based on the at least one of a plurality of security levels associated with the information object.” Manolis’ set of access permissions appears to be a simple password-like system that permits access or does not permit access rather than a plurality of security levels as claimed in Claim 9. Finally, Manolis does not reject the second party’s

request for the information object if the second party is not authorized to receive.
Reconsideration is requested.

Claim 15 is rejected over Phillips USP 7,058,696, but the provisional application for this patent being filed on November 1, 1999, the claim should be allowed because Phillips does not disclose, among other things, any of the following steps:

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

* * *

verifying the identity of the second user; and
permitting the second user to modify the document based on a set of access rights granted to the second user.

The specific portions of Claim 15 not disclosed in Phillips are underlined. Examiner is requested to reconsider.

/Naren Chaganti/ Reg. No. 44,602
Naren Chaganti

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NAREN CHAGANTI
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TOWN & COUNTRY, MO 63017



**Courtesy Reminder for
Application Serial No: 12/799,945**

Attorney Docket No: PSCO-008
Customer Number: 24490
Date of Electronic Notification: 11/02/2011

This is a courtesy reminder that new correspondence is available for this application. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:

naren@chaganti.com
naren.chaganti@gmail.com

Please verify that these email addresses are correct.

To view your correspondence online or update your email addresses, please visit us anytime at <https://sportal.uspto.gov/secure/myportal/privatepair>. If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.



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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner LANIER, BENJAMIN E.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Office Action Summary	Application No.	Applicant(s)	
	12/799,945	CHAGANTI ET AL.	
	Examiner	Art Unit	
	BENJAMIN LANIER	2432	

-- 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 18 October 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) 1-5 and 8-23 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) 1-5, 8-18 and 20-23 is/are rejected.
- 8) Claim(s) 19 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 _____ 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) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed 18 October 2011 amends claims 1, 9, and 13. Applicant's amendment has been fully considered and entered.

Priority

2. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged. Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. 120 as follows:

3. The later-filed application must be an application for a patent for an invention which is also disclosed in the prior application (the parent or original nonprovisional application or provisional application). The disclosure of the invention in the parent application and in the later-filed application must be sufficient to comply with the requirements of the first paragraph of 35 U.S.C. 112. See *Transco Products, Inc. v. Performance Contracting, Inc.*, 38 F.3d 551, 32 USPQ2d 1077 (Fed. Cir. 1994).

4. The disclosure of the '796 application does not provide adequate support for the claimed transmission of an information object from a second server computer to a first server computer having an allocated storage area to hold one or more information objects for a plurality of users. These limitations were previously addressed in the Office Action mailed 08 December 2010 and were removed in the amendment filed 07 June 2011. However, the current amendments to claim 1, reintroduce these limitations.

Response to Arguments

5. Applicant argues, “Manolis does not anticipate Independent Claim 1 (as amended).” This argument has been fully considered and is persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Hanson, U.S. Patent No. 6,507,865.

6. Applicant argues, “Manolis does not associate an information object with a security level.” This argument is not persuasive because the claims merely require “associating with the information object at least one of a plurality of security levels.” Therefore, the access permissions of permitted to access and not permitted to access, as disclosed in Manolis, would meet the claim limitations.

7. Applicant’s arguments that the disclosure of Meyer is non-enabling is not persuasive because Applicant has failed to take into account the required *In re Wands* factors for determining whether there is sufficient evidence to support a determination that the disclosure does not satisfy the enablement requirement and whether any necessary experimentation is “undue.” See MPEP 2164.01(a).

8. Applicant argues, “Based on this description, it appears that ‘title’ is ‘information about’ an ‘object’ rather than the object itself.” This argument is not persuasive because Meyer specifically discloses that the content is transferred to the user’s online library database from a master database ([0095]).

9. Applicant argues, “Meyer uses the word ‘content’ to mean ‘title’ which was defined as ‘information about the object’ and not the ‘object’ itself.” This argument is not persuasive because Meyer clearly discloses that the content is transferred to the user’s online library database from a master database ([0095]). Specifically, Meyer discloses ([0095]) that “The title

(i.e. content) is added to the on-line library, by transferring *a copy of the selection (e.g. music track, video, etc.)* from a master database...” Therefore, it is clear from this citation that Meyer is referring to the actual object itself.

10. Applicant argues, “Meyer does not disclose the feature ‘receiving’ a request to add a particular document to a first user’s online library established on a first server computer.” This argument is not persuasive because Meyer discloses a user selecting a particular content item of have stored in the library ([0093]-[0095]).

11. Applicant argues, “Claim 14 is amended to recite a second computer which is adequately disclosed in the parent application Ser. No. 09/478,796.” This argument is not persuasive because the ‘796 application does not support the claimed issuing a signal to a second computer to transmit a document from the second computer to a first computer to be stored in a secure online repository established on the first server computer.

12. Applicant argues, “The November 1, 1999 filing, Ser. No. 60/163,008 does not disclose, or if disclosed does not enable any of the features of the rejected claims...It is respectfully submitted that nothing in Phillips provisional application anticipates Claim 15.” In response, Applicant has failed to clearly identify the limitations that are believed to be missing from the Phillips reference. Furthermore, Applicant has failed to identify which cited portions of Phillips the provisional fails to support.

13. In response to applicant's argument that Watson is nonanalogous art, it has been held that a prior art reference must either be in the field of applicant’s endeavor or, if not, then be reasonably pertinent to the particular problem with which the applicant was concerned, in order to be relied upon as a basis for rejection of the claimed invention. See *In re Oetiker*, 977

Art Unit: 2432

F.2d 1443, 24 USPQ2d 1443 (Fed. Cir. 1992). In this case, both references are concerned with accessing stored files.

14. Applicant's argument regarding the combination of the Phillips and Watson references is not persuasive because Applicant has failed to consider the proposed combination of references which states that "it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an access log in the remote file server of Phillips in order to provide an audit trail as taught by Watson (Col. 13, lines 16-18)." A reference may be understood by the artisan as suggesting a solution to a problem that the reference does not discuss. *KSR Int'l v. Teleflex, Inc.*, 127 S. Ct. at 1742, 82 USPQ2d at 1397 ("Common sense teaches...that familiar items may have obvious uses beyond their primary purposes, and in many cases a person of ordinary skill will be able to fit the teachings of multiple patents together like pieces of a puzzle...A person of ordinary skill in also a person of ordinary creativity, not an automaton.").

Claim Rejections - 35 USC § 102

15. 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 –

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

16. Claims 9-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Manolis, U.S.

Patent No. 7,243,079. Referring to claims 9-12, Manolis discloses an online print service

wherein users are able to sign up for an account (Figure 5, 51) by providing user information (Figure 7). Once the user creates an account, they can upload images (Figures 11-12) to the online print service database (Figure 3, 330), which meets the limitation of storing the information object in a server computer system connected to the Internet. Once uploaded, users can share their photos with other users by placing the photos in a shared folder and sending a message to the intended share recipient that includes authorization information used to access the shared images (Figures 24-25 & Col. 9, lines 52-65). Shared images have associated access permissions that permit the images to be shared with other users (Col. 9, lines 57-63), which meets the limitation of associated with the information object at least one of a plurality of security levels, receiving from a second party a request to access the information, determining whether the second party is authorized to access the information object based on the at least one of a plurality of security levels associated with the information object, if the second party is authorized to access the information object, making the information object accessible to a second computer, rejecting the second party's request for the information object if the second party is not authorized to receive. The shared images are displayed in a format suitable for the recipient's browser (Figure 27), which meets the limitation of determining the second computer's formatting requirements via a handshaking protocol, formatting a response according to a format acceptable to the second computer, transmitting the formatted response, configuring the information object in a manner suitable for delivery to the second computer, selecting a suitable format from a selection of available formats, using stored rules to format a response.

Referring to claim 13, Manolis discloses that the shared images are displayed as thumbnails (Figure 27), which meets the limitation of translating the response.

17. Claims 1-5, 14, 23 is rejected under 35 U.S.C. 102(e) as being anticipated by Meyer, U.S. Publication No. 2001/0031066. Referring to claims 1, 14, 23, Meyer discloses a server that stores an online content library linked to particular user identity, where each library includes content title information ([0093]-[0095]), which meets the limitation of establishing accounts for a plurality of users with a server computer, each of said accounts being configured to hold a plurality of information objects for each of said account-holding users, a processor, an input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instructions executable by the processor, wherein the program of instructions is configured to direct the processor, wherein the information object comprises a piece of music, a piece of audio, a video clip, or a movie. The content can be transferred to the user's online library database from a master database ([0095]), where the database systems can be implemented by servers ([0093]), which meets the limitation of receiving a first information object, receiving authorization to store the first information object in the first user's online repository from a second computer wherein the second computer receives an instruction from a user computer to send the information object for storage in the first user's online repository, and including the first information object in the first user's account established in the online repository if the first information object is authorized to be stored in the first user's account, receive an input signal from the input device, and responsive to the input signal received, to issue a signal to a second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online repository established on the first server computer, the second computer is either a client computer or a server

computer. The content and user library are identified by identifiers ([0093]-[0094]), which meets the limitation of receiving an identifier for a first user's online repository.

Referring to claim 2, Meyer discloses that the user can be authenticated to access content in the online library using authentication information such as a user name, password, and device ID ([0094]), which meets the limitation of receiving a request from a second party to access the information object, authenticating the second party based on the second party's password, identity of a device used by the second party, making the digital item accessible to the second party.

Referring to claim 3, Meyer discloses that in order to access the content from the online library the content delivery system checks to make sure that the requesting user has the appropriate usage rights ([0099]), which meets the limitation of permitting restrictive access to the information object by a second party based on whether the second party is authorized to view, modify, edit, add to, or delete a particular portion of the digital item to which access is sought.

Referring to claim 4, Meyer discloses that the network transmissions can be performed using HTTP ([0027]), which meets the limitation of receiving the digital item for storage in the first storage area via HTTP.

Referring to claim 5, Meyer discloses that the content can be uploaded to the online library from the user computer ([0093]), which meets the limitation of authorizing a second party to transmit the digital item to the online library, directing the second party to transmit the digital item to the online library.

18. Claims 15-16, 18, 20, 22 are rejected under 35 U.S.C. 102(e) as being anticipated by Phillips, U.S. Patent No. 7,058,696. Referring to claims 15-16, 20, 22, Phillips discloses a multi-user file storage service wherein a remote file server stores files for a group of users (Col. 5, line 66 - Col. 6, line 9), which meets the limitation of establishing, on a server computer coupled to the Internet, an account for each of a plurality of users. Users are permitted to store new files on the remote file server (Col. 15, lines 42-46), which meets the limitation of creating, by a first user, a document for modification by each of the plurality of users, storing the document on the server computer. Access rights are granted to the users of the group such that the users can modify the stored files (Col. 15, lines 25-40 & Col. 24, line 39 – Col. 25, line 44), which meets the limitation of granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer. Other group users can request access to modify the stored files once they have been authenticated (Col. 19, line 52- Col. 20, line 4 & Col. 25, lines 33-52 & Col. 27, lines 40-57), which meets the limitation of receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information, verifying the identity of the second user, and permitting the second user to modify the document based on a set of access rights granted to the second user, receiving identification from the second user, and verifying the second user based on the trustworthiness of the second user, a security level of the second user, the modification to the document includes adding new material to the document, storing the modifications made by the second user to the document.

Referring to claim 18, Phillips discloses that messages are transmitted to users of the group when files are updated (Col. 29, lines 64-67), which meets the limitation of if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

Claim Rejections - 35 USC § 103

19. 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.

20. 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.

21. Claims 1-5, 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Manolis, U.S. Patent No. 7,243,079, in view of Hanson, U.S. Patent No. 6,507,865. Referring to claims 1, 5, 23, Manolis discloses an online print service wherein users are able to sign up for an account (Figure 5, 51) by providing user information (Figure 7). The user's account has an associated URL (Col. 9, line 55). Once the user creates an account, they can sign into their account using login credentials associated with the account (Figure 5) and then upload images (Figures 11-12) to the online print service database (Figure 3, 330), which meets the limitation of establishing

accounts for a plurality of users with a server computer, each of said accounts being configured to hold a plurality of information objects for each of said account-holding users, receiving a first information object, receiving an identifier for a first user's online repository, and receiving authorization to store the first information object in the first user's online repository from a second computer, including the first information object in the first user's account established in the online repository if the first information object is authorized to be stored in the first user's account, the receiving step comprises the step of receiving the information object and the first user's identifier from a second party authorized to transmit the information object to the online repository, the second computer is either a client computer or a server computer, and wherein the information object comprises an image. Manolis does not disclose uploading the images from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets the limitation of receiving authorization to store the first information object in the first user's online repository from a second computer wherein the second computer receives an instruction from a user computer to send the information object for storage in the first user's online repository. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the online print service of Manolis to provide for uploading from another server by referencing a URL in order to provide users with the ability to upload images to their account that may be stored remotely from their computer system as suggested by Hanson (Col. 14, lines 54-61).

Referring to claim 2, Manolis discloses that once uploaded, users can share their photos with other users by placing the photos in a shared folder and sending a message to the intended

share recipient that includes authorization information used to access the shared images (Figures 24-25 & Col. 9, lines 52-65), which meets the limitation of a receiving a request from a second party to access the information object, authenticating the second party based on one or more criteria from the second party's password, a security level of a password that the second party provides, and making the information object accessible to the second party.

Referring to claim 3, Manolis discloses that the access permissions can be set for shared images (Col. 9, lines 60-63), which meets the limitation of permitting restrictive access to the information object by a second party based on whether the second party is authorized to view, modify, edit, add to, or delete a particular portion of the information object to which access is sought.

Referring to claim 4, Manolis discloses that the images are uploaded using browser functionality, or using a plug-in providing drag and drop functionality (Col. 5, line 50 - Col. 6, line 6), which meets the limitation of receiving the information object for storage in the first storage area via any one or a combination of the methods of hyper text transfer protocol (HTTP), dragging and dropping.

22. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Manolis, U.S. Patent No. 7,243,079, in view of Hanson, U.S. Patent No. 6,507,865, and further in view of Chen, U.S. Patent No. 5,832,208. Referring to claim 8, Manolis does not disclose scanning the uploading images for viruses. Chen discloses scanning for viruses when content is uploaded (Col. 4, lines 13-19), which meets the limitation of scanning the information object for viruses, and if the information object contained a virus, then discarding the information or removing the virus from the information object prior to storing the object in the repository. It would have been

obvious to one of ordinary skill in the art at the time the invention was made for the online library of Manolis to scan the uploaded content for viruses in order to protect the server from virus infection as taught by Chen (Col. 1, lines 49-56).

23. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Meyer, U.S. Patent No. 2001/0031066, in view of Chen, U.S. Patent No. 5,832,208. Referring to claim 8, Meyer does not disclose scanning the received content for viruses. Chen discloses scanning for viruses when content is uploaded (Col. 4, lines 13-19), which meets the limitation of scanning the information object for viruses, and if the information object contained a virus, then discarding the information or removing the virus from the information object prior to storing the object in the repository. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the online library of Meyer to scan the uploaded content for viruses in order to protect the server from virus infection as taught by Chen (Col. 1, lines 49-56).

24. Claims 17, 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Phillips, U.S. Patent No. 7,058,696, in view of Watson, U.S. Patent No. 5,475,839. Referring to claim 17, Phillips does not disclose that the remote file server includes an access log. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an access log in the remote file server of Phillips in order to provide an audit trail as taught by Watson (Col. 13, lines 16-18).

Referring to claim 21, Phillips discloses that access rights are granted to the users of the group such that the users can modify the stored files (Col. 15, lines 25-40 & Col. 24, line 39 – Col. 25, line 44), which meets the limitation of applying modification made by the second user to the document, and storing the modified document. Phillips does not disclose that the remote file

server includes an access log. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an access log in the remote file server of Phillips in order to provide an audit trail as taught by Watson (Col. 13, lines 16-18). As discussed above, storing the identification information is inherent to any reference that discusses access logs/audit trails.

Allowable Subject Matter

25. Claim 19 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: The prior art does not disclose or make obvious the claimed requirement that the modifications be approved by the group of users and storing the identity information for those users who approved the modifications to the document.

Conclusion

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

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37


CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

27. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN LANIER whose telephone number is (571)272-3805. The examiner can normally be reached on M-Th 7:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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


/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

Index of Claims 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

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

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

CLAIM		DATE							
Final	Original	11/26/2010	04/05/2011	07/05/2011	10/27/2011				
	1	✓	✓	✓	✓				
	2	✓	✓	✓	✓				
	3	✓	✓	✓	✓				
	4	✓	✓	✓	✓				
	5	✓	✓	✓	✓				
	6	✓	-	-	-				
	7	✓	-	-	-				
	8	✓	✓	✓	✓				
	9	✓	✓	✓	✓				
	10	✓	✓	✓	✓				
	11	✓	✓	✓	✓				
	12	✓	✓	✓	✓				
	13	✓	✓	✓	✓				
	14	✓	✓	✓	✓				
	15	✓	✓	✓	✓				
	16	✓	✓	✓	✓				
	17	✓	✓	✓	✓				
	18	✓	✓	✓	✓				
	19	✓	✓	○	○				
	20	✓	✓	✓	✓				
	21		✓	✓	✓				
	22		✓	✓	✓				
	23			✓	✓				

<i>Search Notes</i> 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Updated Search of 713/182-186; 726-2-9, 26-33	10/26/2011	BL

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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Receipt date: 09/10/2011

12799945- GAU: 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		APPLICATION NO.		
				PSCO-008		12/799,945		
				FIRST NAMED APPLICANT				
				NAREN CHAGANTI				
FILING DATE				GROUP				
May 5, 2010				2132				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	7,243,079B1	Jul-07	Manolis	705	26.8		
	BB	6,175,831B1	Jan-01	Weinreich	1	1		
	CC	7,058,696 B1	Jun-06	Phillips	709	217		
	DD	5,475,839	Dec-95	Watson	395	650		
	EE	6,181,803 B1	Jan-11	Davis	382	115		
	FF	6,042,519A	Mar-00	Shea	482	57		
	GG	20020059402A1	May-02	Belanger	709	220		
	HH							
	II							
	JJ							
	KK							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							
OTHER REFERENCES <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	MM							
	NN							
EXAMINER				DATE CONSIDERED				
/Benjamin Lanier/				10/27/2011				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

RESPONSE TO OFFICE ACTION DATED JULY 18, 2011

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the office action dated July 18, 2011 in the referenced case. In this paper, claim amendments are presented at page 2, and Remarks section starts at page 9. A fee computation sheet is at page 22.

Claim Amendments

1. (presently amended) A method of creating an online repository on a first server computer coupled to a data communication network, said data communication network being capable of transmitting and/or receiving information objects comprising voice, video, data, text and/or any combinations thereof, the method comprising the following steps performed by the first server computer:

establishing accounts for a plurality of users with a server computer, each of said accounts being configured to hold a plurality of information objects for each of said account-holding users;

receiving a first information object;

receiving an identifier for a first user's online repository; and

receiving authorization to store the first information object in the first user's online repository from a second computer wherein the second computer receives an instruction from a user computer to send the information object for storage in the first user's online repository; and

including the first information object in the first user's account established in the online repository if the first information object is authorized to be stored in the first user's account.

2. (previously amended) The method of claim 1 further comprising the steps of:

receiving a request from a second party to access the information object;

authenticating the second party based on one or more criteria from: (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second party, (d) the second party's password, (e) a security level of the second party, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that the second party provides,

(i) type of device used by the second party, (j) identity of a device used by the second party, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired; and

making the information object accessible to the second party.

3. (previously amended) The method of claim 1 further comprising the step of:

permitting restrictive access to the information object by a second party based on whether the second party is authorized to view, modify, edit, add to, or delete a particular portion of the information object to which access is sought.

4. (presently amended) The method of claim 1 wherein the receiving step comprises the step of:

receiving the information object for storage in the first storage area via any one or a combination of the methods of (1) E-mail, (2) remote copy program (rcp), (3) hyper text transfer protocol (HTTP), (4) file transfer protocol (ftp), (5) Unix-to-Unix-Copy program (UUCP), (6) cutting-and-pasting, (7) copying-and-pasting, and (8) dragging-and-dropping.

5. (previously amended) The method of claim 1 wherein

the receiving step comprises the step of:

receiving the information object and the first user's identifier from a second party authorized to transmit the information object to the online repository.

6 - 7. (previously canceled)

8. (previously amended) The method of claim 1 further comprising the step of:

scanning the information object for viruses; and

if the information object contained a virus, then (a) discarding the information object or

(b) removing the virus from the information object prior to storing the object in the repository.

9. (presently amended) A method of sharing an information object with at least one of a plurality of users, wherein said information object comprises voice, video, data, text and/or any combinations thereof ~~with at least one of a plurality of users~~, the method comprising the following steps performed by a server computer:

storing the information object in a server computer system connected to the Internet;

associating with the information object at least one of a plurality of security levels;

receiving from a second party a request to access the information object;

determining whether the second party is authorized to access the information object based on the at least one of a plurality of security levels associated with the information object;

if the second party is authorized to access the information object, making the information object accessible to a second computer;

determining the second computer's formatting requirements via a handshaking protocol;

formatting a response according to a format acceptable to the second computer;

transmitting the formatted response; and

rejecting the second party's request for the information object if the second party is not authorized to receive.

10. (previously amended) The method as in claim 9, wherein the step of formatting a response comprises the step of:

configuring the information object in a manner suitable for delivery to the second computer.

11. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

selecting a suitable format from a selection of available formats.

12. (previously amended) The method as in claim 9, wherein the step of formatting a response comprises the step of:

using stored rules to format a response.

13. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

encrypting or translating the response.

14. (presently amended) An apparatus comprising:

a processor;

an input device coupled to the processor;

a memory coupled to the processor;

said memory being adapted to receive and store therein program of instructions executable by the processor;

wherein the program of instructions is configured to direct the processor

to receive an input signal from the input device, and responsive to the input signal received, to issue a signal to a second ~~server~~ computer to transmit ~~the~~ a document from the second ~~server~~ computer to a first server computer to be stored in a secure online repository established on the first server computer.

15. (previously amended) A method for online document collaboration, the method comprising the steps of:

establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;

creating, by a first user, a document for modification by each of the plurality of users;

storing the document on the server computer;

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;

verifying the identity of the second user; and

permitting the second user to modify the document based on a set of access rights granted to the second user.

16. (previously amended) The method of claim 15, wherein the step of verifying the identity of the second user further comprises the steps of:

receiving identification from the second user; and

verifying the second user based on one or more criteria from: (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second user, (d) the second user's password, (e) a security level of the second user, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired.

17. (previously presented) The method of claim 16 further comprising the step of:

creating an audit trail of the document access.

18. (previously presented) The method of claim 15 further comprising the step of:
if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

19. (previously presented) The method of claim 15 further comprising the steps of:
after a document is modified, receiving approval for the modifications from one or more of a group of users; and
storing identifying information of each one of the one or more of a group of users who approved the modifications to the document.

20. (previously presented) The method of claim 15, where the modification to the document includes adding new material to the document, deleting material from the document, making notes within the document, underlining material in the document, adding a digital signature to the document or highlighting material in the document.

21. (previously presented) The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document; and
storing the modified document.

22. (previously presented) The method of claim 15, further comprising the step of:
storing the modifications made by the second user to the document.

23. (previously presented) The method of claim 1,
wherein the second computer is either a client computer or a server computer, and
wherein the information object comprises a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video

clip, or a movie.

REMARKS

This is in response to the final office action dated July 18, 2011, which rejected all but one of the pending claims as unpatentable. Applicants acknowledge with thanks the indication that Claim 19 is allowable. This response addresses all rejections.

Interview with the Examiner

On September 20, 2011 Applicants had a telephone interview with Examiner Lanier on this application and other pending related applications. On September 27, 2011 a further telephone interview was held. Applicants thank Examiner Lanier for the courtesies shown in discussing the matters under examination. No agreement is reached as to allowance of the claims because Examiner appears to be of the view that the rejections were proper.

Finality of Office Action

During the Interview Applicants discussed the indication that the first office action (after the filing of an RCE) was “final.” Examiner Lanier indicated that this was an error. Applicants respectfully request the Examiner to withdraw finality of the office action and permit a second office action on the merits.

Amendments to the Claims

Claim 1 is amended to recite the language “wherein the second computer receives an instruction from a user computer to send the information object for storage in the first user’s online repository” to clarify the features of the invention as described in Fig. 5. No new matter is added as a result of this change. Examiner is respectfully requested to review and enter the amendment.

Claim 9 is amended to insert the term “information object” in lieu of the deleted term “digital item.” This was an error due to oversight. No new matter is added as a result of this amendment. Examiner is respectfully requested to review and enter the amendment.

Claim 14 is amended to correct antecedent basis problem for the term "document", which is amended by striking --the-- before "document" and inserting "a" therefor. In addition, the claim is amended to recite the features of invention more clearly. These changes do not add any new matter. In addition, the term --second server computer-- is now recited as “second computer.” Support for the changes is in the Specification at Fig. 5 and accompanying text. No new matter is added as a result of the change. Examiner is respectfully requested to review and enter the amendment.

Claim 21 is believed to be entitled to priority date of the parent application

The Office Action indicates that Claim 21 is not entitled to priority to either the first-filed application Ser. No. 09/478,796 or the Continuation-in-Part Application Ser. No. 09/634,725. However it appears that this is an error. Claim 21 recites as follows:

21. The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document; and
storing the modified document.

Of these three steps, the Office Action agrees that the step “storing the identity of a requester” is adequately described in the parent application. See Office Action at page 3, ¶ 6.

The third step “storing the modified document” was described in the parent application 09/478,796 at claim 6 as “storing said changed or updated personal information in a database”. Under the Original Claim rule, this is adequate disclosure for that step. See *In re Koller*, 613

F.2d 819, 824, 204 USPQ 702, 706 (CCPA 1980) (later added claims of similar scope and wording were adequately described by original claims); *In re Gardner*, 480 F.2d 879, 880, 178 USPQ 149, 149 (CCPA 1973) ("Under these circumstances, we consider the original claim in itself adequate 'written description' of the claimed invention. It was equally a 'written description' * * * whether located among the original claims or in the descriptive part of the specification.")

Applying the modification by the second user to the document is inherent in the fact that a modified document exists. Support further exists in the Specification of 09/478,796 at page 19, lines 4-14:

The user 103 may change or update his personal information. Examples of changes could be address or telephone number changes, and the like. Some changes are effective at a future date. Some information is updated either by the user 103 or by a third party (not shown). An example of such updated information is medical information. When the user 103 makes the changes, he makes these by accessing the server computer 100 web site and entering his information as described above. The user 103 elects or designates any requesters or recipients of change notifications. The server computer 100 automatically retrieves the information objects that changed and notifies the designated requesters or recipients via secure E-mail, or other methods indicated above (step 226). In alternative embodiments, notification messages are left in mail boxes located on the server computer 100 and owned by requesters. Each change notification is recorded in the database 108 for audit trail purposes.

(Underline added). In addition, in the application Ser. No. 09/634,725, at page 34, lines 4-29, the following is described:

This selective access or authorization may enable the requester 105 to perform such tasks as, in the case of a document, insert, delete or modify text, images or an audio clip, underline text, highlight or make margin notes with or without a digital signature, and the like, if the requester 105 is permitted or authorized to do so. As stated above, the authorization can be separately provided or could be encoded in the type of password provided to the requester 105. Under this selective authorization scheme, a requester 105 may be given only a subset of the available permissions to perform operations—i.e., the requester 105 may be allowed only to view but not edit a document; only to add to but not delete from a video clip; only to make margin notes on a document but not change or underline the original text; make changes that are visible only to a select group of persons; and other similar tasks. When a requester 105 edits a document, all other persons

in the select group are automatically notified that a change has been made. In one embodiment, the changes are downloaded to the devices specified—if any—by the group. In other embodiments, the notified persons may subsequently access and retrieve the document to view or further edit the document, or provide a digital signature of approval or disapproval and store it in the library.

(Underline added). The description, therefore, is adequate support for the step, “applying modification made by the second user to the document.” Reconsideration is respectfully requested.

Claim Rejections

Rejection of Claims 1-5, 9-13, & 23 under 35 U.S.C. § 102(e) over Manolis

Claims 1-5, 9-13, & 23 are rejected under 35 U.S.C. § 102(e) as being unpatentable over Manolis (USP 7,243,079).

Manolis does not anticipate Independent Claim 1 (as amended)

Claim 1 is amended to recite the additional clarifying text “wherein the second computer receives an instruction from a user computer to send the information object for storage in the first user’s online repository”. The claim so changed is believed to be patentably distinct over any disclosure in Manolis. Reconsideration of this rejection is respectfully solicited.

Manolis does not anticipate Independent Claim 9

Independent Claim 9 recites, among other things, the following steps:

- storing the information object in a server computer system
- connected to the Internet;
- associating with the information object at least one of a plurality of security levels;
- receiving from a second party a request to access the information object;

determining whether the second party is authorized to access the information object based on the at least one of a plurality of security levels associated with the information object;

if the second party is authorized to access the information object, making the information object accessible to a second computer;

determining the second computer's formatting requirements via a handshaking protocol;

formatting a response according to a format acceptable to the second computer;

transmitting the formatted response; and

rejecting the second party's request for the information object if the second party is not authorized to receive.

As to Claim 9, the Office Action cites the following text in Manolis at Col. 9, lines 57-63:

The user completes the photo-sharing sequence by clicking the Share Now button 2404, which results in the above-noted photo-sharing e-mail message to be generated and sent, and causes the host system to set access permissions as appropriate to allow the intended share recipient to access the online images specified by the user.

Manolis does not associate an information object with a security level. In addition, Manolis does not describe how or what “causes the host system to set access permissions as appropriate to allow the intended share recipient to access the online images specified by the user.” Manolis suffers from a serious weakness in that it does not state how any access

permissions were set, by which component or person, when they are set, and what it meant to be “appropriate” and how these access permissions would allow an “intended” share recipient to access the online images specified by the user. Therefore Manolis cannot anticipate claim 9.

Dependent Claims 2-5, 10-13, & 23 are patentable over Manolis

Dependent claims that depend from independent claims 1 and 9 are believed to be patentable because independent claims are believed to be patentable over Manolis.

Rejection of Claim 14 under 35 U.S.C. § 102(e) over Meyer

As to Claim 14, the Office Action states that Meyer discloses that an online repository may receive an information object from a second server computer. In support, the Office Action cites Meyer at [0093]-[0095]. However, Myer at Paragraph [0093] discusses a "local application" but did not state to what this application is "local," making the disclosure non-enabling and thus inadequate. See *Application of Turlay*, 304 F.2d 893, 899 (C.C.P.A. 1962)("In order to anticipate, the teaching of a reference must be clear and unambiguous."). Further, Meyer describes the activities of this "local application" as follows: "Operating in conjunction with the media reader, the local application extracts information (e.g., a portion of the media signal) from the package, extracts the identifier, and sends it to a database system (e.g., a server on the Internet). In response, the database system determines the corresponding title and adds the title to an on-line library (e.g., external storage accessible via the Internet)."

In this description, Meyer appears to use the term "identifier" differently from an "audio signal." See Paragraph [0012] ("As described further below, an identifier attached to an audio signal is used to connect that signal with metadata and/or programmatic or device actions. In the context of this document, the terms "media object" and "audio object" refer to an electronic form

of a media signal and audio signal, respectively.") Thus, an "audio signal" itself is not an identifier; rather the identifier is attached to an audio signal.

Based on this description, it appears that Meyer's usage of the term "identifier" is not consistent with what is understood by the Examiner's usage of the term "content."

Additionally, at Paragraph [0018], Meyer states: "In some application scenarios, the embedding process interacts with a registration process to get an identifier. The embedding process provides information about the object (e.g., a title and artist name, an ISRC, name of distributor, etc.)" Based on this description, it appears that "title" is "information about" an "object" rather than the object itself. Accordingly, the word "title" in Meyer appears not to connote the same meaning as the Examiner's usage of the term "content." There is authority for the proposition that prior art publications must be taken for what the author said, not for what one may think he meant to say. See, e.g., *Badische Anilin & Soda Fabrik v. Kalle & Co.*, 104 F. 802 (2d Cir. 1900), where the Court stated:

" * * * The 'description in a printed publication' of the statute is to be found within the four corners of such printed publication. * * * The question is, what does not prior publication say? not what it might have said, or what it should have said. If prior patents and publications can be reconstructed by extrinsic evidence to fit the exigencies of the case, the inquiry will no longer be confined to what the publication communicates to the public, but it will be transferred to an endeavor to ascertain what its author intended to communicate."

BASF, at 808 (citation and quotation omitted). At Paragraph [0093], Meyer states that the "local application" "sends" "the identifier" of a media signal to a server on the Internet, and, "[i]n response, the database system determines the corresponding title and adds the title to an on-line library (e.g., external storage accessible via the Internet). The library may be set up as a personal collection, or a collection for a group of users."

Meyer is silent as to how "the database system determines the corresponding title" and

how the database system "adds the title to the on-line library".

At Paragraph [0094] Meyer states that "to identify the user(s)' library, the local application provides a user identifier." But the disclosure is silent as to the recipient of "this user identifier". Meyer also states that "[t]he title (i.e. content) is added to the on-line library, by transferring a copy of the selection (e.g., music track, video, etc.) from a master database (e.g., a library of MP3 files, or some other streaming or downloadable content format) to the user's on-line library collection." Myer is silent about how the master database receives information about "the user's on-line library collection" or about the need to transfer "the title (i.e. content)" to that user's "on-line library collection."

At Paragraph [0095] Meyer states, "The title (i.e. content) is added to the on-line library, by transferring a copy of the selection (e.g., music track, video, etc.) from a master database (e.g., a library of MP3 files, or some other streaming or downloadable content format) to the user's on-line library collection." Thus, Meyer uses the word "content" to mean "title" which was defined as "information about the object" and not the "object" itself.

Otherwise, Meyer by equating the term "title" with "content," Meyer introduced self-contradiction with the statement in Paragraph [0018] that "title" is "information about the object". To add to the confusion, Meyer variously uses the terms "media object", "broadcast object", "object", "objects transmitted over networks" etc. without clearly describing the relationship among these several types of objects. Because one may not use an uncertain, incomplete or unenabled disclosure as a proper reference under § 102, these identified infirmities remove Meyer as a proper reference. See *In re Cramblet*, 62 F.2d 358, 362 (C.C.P.A. 1932), where the Court stated:

[Applicant] therefore argues that, while it might by some construction be contended that such cup was out of contact with the wall, the language [of the

reference] does not necessarily so state, and, inasmuch as it may be thus capable of a double meaning, or construction, his disclosure should not be held to be anticipated by such vague and indefinite language.

We are of opinion the point thus made by the appellant is well taken. If it could be plainly discerned from an inspection of Mailey's drawings and a reading of his claims, together with his specification, that he had this particular idea of appellant's in mind, even though it were not claimed, we might fairly agree that appellant's claims here were properly rejected. But, when there is every reason to believe from his disclosure that Mailey had no conception of a cup entirely segregated from the switch envelope, it is, in our judgment, improper to reject appellant's clearly defined and limited claims, resting upon his definite disclosure of this feature.

This we believe has been the prevailing view of the courts when similar questions arose. 'Statements in a prior application relied on to prove anticipation must be so clear and explicit that those skilled in the art will have no difficulty in ascertaining their meaning. Where they are so vague, involved, intricate and contradictory that experts disagree radically as to their meaning and, following the instructions given, construct devices differing in fundamental features, it is safe to reject such a document as an anticipation.'

See also, *Tilghman v. Proctor*, 102 U.S. 707, 711-712 (1881)(If the acids were accidentally and unwittingly produced, whilst the operators were in pursuit of other and different results, without exciting attention and without its even being known what was done or how it had been done, it would be absurd to say that this was an anticipation of Tilghman's discovery."); *Cimiotti Unhairing Co. v. Comstock Unhairing Co.*, 115 F. 524 (C.C. 1902) ("A document so obscure in its terminology that two conflicting theories may be deduced therefrom and supported by equally plausible arguments is too indefinite to be utilized as an anticipation.").

In addition to these inadequacies, Meyer does not disclose the feature "receiving" a request to add a particular document to a first user's online library established on a first server computer. Therefore, viewing the claim as a whole, Meyer cannot anticipate the invention as claimed in claim 14.

Finally, Claim 14 is amended to recite a second computer which is adequately disclosed in the parent application Ser. No. 09/478,796. Reconsideration is respectfully solicited.

Rejection of Claims 15, 16, 18, 20, & 22 under 35 U.S.C. § 102(e) over Phillips

The Office Action rejected claims 15, 16, 18, 20, & 22 as being unpatentable over Phillips (USP 7,058,696). However, Phillips is filed on November 1, 2000, and claims benefit of a provisional application for patent filed on November 1, 1999. Therefore, the only possible reference is not the November 1, 2000 filing, but the November 1, 1999 filing. The November 1, 1999 filing, Ser. No. 60/163,008 does not disclose, or if disclosed does not enable any of the features of the rejected claims. The following discussion will use the November 1, 1999 filing.

Claim 15 recites in part as follows:

establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;

creating, by a first user, a document for modification by each of the plurality of users;

storing the document on the server computer;

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;

verifying the identity of the second user; and

permitting the second user to modify the document based on a set of access rights granted to the second user.

The relevant disclosure of Phillips is a description of a storage system called Mind™.

See Phillips provisional application at pages 1-2.

This invention describes a storage system called "MIND™." The inventive storage system presents to the user what appears to be an additional local drive. In other words, the storage system according to the invention includes an adaptation or supplement to the user interface of the host terminal which causes the host terminal to appear to possess an additional local drive. This additional "apparent" local drive behaves like a local drive; information can be written to, or read from, the additional apparent local drive according to the invention. In implementation, information written to, or read from, the additional apparent local drive is in fact written to, or read from, a remote storage device, such as one or more magnetic disks. Illustratively, the storage system according to the invention can also use a storage system local to the host terminal, such as the disk 15, as a local cache.

By implementing the storage system using a remote storage device, two advantages are achieved. First, the storage system can be accessed by the user at different host terminals. Second, the storage system can be accessed by multiple host terminals simultaneously. In either case, the storage system according to the invention behaves like a single, consistent coherent drive. Thus, despite accessing the storage system according to the invention from different kinds of host terminals, the storage system always appears and functions like a local drive at the respective host terminal at which it is accessed. Likewise, multiple host terminals can simultaneously access the same storage system and the storage system will be presented, and behave, at each host terminal as if it was a local storage device located at the respective host terminal. However, any modifications to information by a user at one terminal will be automatically propagated to the other host terminals (e.g., when such other host terminals attempt to access the modified file) without intervention by the user(s). Thus, if a user modifies a file, the modification will be permanently saved to the remote storage device. If a subsequent access is made to the same file (e.g., by the same user at the same or a different host terminal, or by another user who is concurrently accessing files in the same storage system using a different host terminal), applications will "see" the same behavior as in a local area network based file sharing environment. In this way, the invention Internet-enables standard applications without modification. In permitting multiple host terminals to access the same group of information on the same storage system, the storage system according to the invention employs a coherency schema for purposes of maintaining the integrity of the information.

It is respectfully submitted that nothing in Phillips provisional application anticipates Claim 15. Claim 15 is directed toward something else than what is disclosed in Phillips

provisional application. Therefore all the rejected claims that depend from Claim 15 are believed to be patentable over Phillips as a reference. See *In re Fine*, 837 F.2d 1071, 1076 (Fed. Cir. 1988). Examiner is respectfully requested to review and reconsider.

Rejection of Claim 8 under 35 U.S.C. § 103(a) over Manolis in view of Chen

The office action rejected claim 8 under 35 U.S.C. § 103(a) over Manolis in view of Chen. Claim 8 depends from (amended) Claim 1, which is believed to be patentable as argued above. In addition, Chen, as argued in prior responses to office actions, is about scanning for viruses attached to an e-mail message by detaching an attachment to an e-mail message, scanning the attachment for viruses, and reattaching the attachment to the e-mail message. Therefore Chen does not in combination with Manolis render Claim 8 obvious, because Claim 8 recites the following additional steps:

scanning the information object for viruses; and
if the information object contained a virus, then (a) discarding the
information object or (b) removing the virus from the information object
prior to storing the object in the repository.

Reconsideration is respectfully requested.

Rejection of Claim 17 & 21 under 35 U.S.C. § 103(a) over Phillips in view of Watson

The office action rejected claims 17 & 21 under 35 U.S.C. § 103(a) over Phillips in view of Watson. These two claims dependent from independent claim 15, which is believed to be patentable as argued above because Phillips provisional application does not disclose the steps of Claim 15.

Watson (USP 5,475,839) discloses a method of controlling access to a personal computer in a networked environment. See Fig. 4 (showing that the host protects a personal computer

from viruses before permitting the personal computer to be used as a work station in a networked environment.) This being not analogous to the claims under examination which are directed toward a document collaboration system, it is respectfully submitted that one of skill in the art, given Phillips as a primary reference, would not be facing a problem for which the person would be looking to Watson for answers. See *In re Wood*, 599 F.2d 1032, 1036, 202 USPQ 171, 174 (CCPA 1979)("The determination that a reference is from a nonanalogous art is therefore two-fold. First, we decide if the reference is within the field of the inventor's endeavor. If it is not, we proceed to determine whether the reference is reasonably pertinent to the particular problem with which the inventor was involved.") Therefore it is submitted that the office action does not meet its initial burden of presenting a prima facie case of obviousness because no reason is shown as to why a person of ordinary skill in the art would go to Watson. See *In re Piasecki*, 745 F.2d 1468, 1472 (Fed. Cir. 1984)(The burden of production and proof regarding obviousness is on the Patent Office.)

As to claims 17 & 21, the office action argues that the Watson audit trail in combination with the Phillips reference rendered obvious the two claims. But the audit trail in Watson is only for "logon" accesses. The audit trail of Claim 17 is for accessing documents and Claim 21 recites storing identity of a second user who modified a document. These are not described in Watson. Therefore Watson is not pertinent reference.

Conclusion

The arguments and clarifying amendments are believed to overcome the cited references. No fee is believed to be due with this response. Further examination or a notice of allowance is respectfully solicited.

Respectfully Submitted,

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One of the Applicants

Electronic Acknowledgement Receipt

EFS ID:	11214816
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	18-OCT-2011
Filing Date:	05-MAY-2010
Time Stamp:	21:08:15
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	Amendment/Req. Reconsideration-After Non-Final Reject	pSCO-008_resp_to_oa_7_18_2011.pdf	112209 <small>6dae3f4a65ab8c0da940728bf663796424e8814</small>	no	22

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

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

New International Application Filed with the USPTO as a Receiving Office

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

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 12/799,945		Filing Date 05/05/2010		<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		OR		N/A		
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A	N/A		N/A		OR		N/A		
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A		OR		N/A		
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =	*		X \$ =		OR		X \$ =		
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		X \$ =		OR		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	10/18/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 21	Minus	** 21	= 0	X \$30 =	0	OR		X \$ =	
	Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 0	X \$125 =	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	
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 \$ =		OR		X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		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: /JAMES MASON/											

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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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner LANIER, BENJAMIN E.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Applicant-Initiated Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	

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

(1) BENJAMIN LANIER. (3)_____.

(2) Naren Chaganti (Reg. No. 44,602). (4)_____.

Date of Interview: 28 September 2011.

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: 28.

Identification of prior art discussed: Glassman.

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...)

Mr. Chaganti argued that Glassman taught away from the proposed combination. Examiner explained that Glassman was not teaching away, but providing and outline of issues with existing systems. Glassman goes on to explain how such issues could be resolved. No agreement was 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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

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.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	7,243,079B1	Jul-07	Manolis	705	26.8	
BB	6,175,831B1	Jan-01	Weinreich	1	1	
CC	7,058,696 B1	Jun-06	Phillips	709	217	
DD	5,475,839	Dec-95	Watson	395	650	
EE	6,181,803 B1	Jan-11	Davis	382	115	
FF	6,042,519A	Mar-00	Shea	482	57	
GG	20020059402A1	May-02	Belanger	709	220	
HH						
II						
JJ						
KK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

MM	
NN	

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

Electronic Acknowledgement Receipt

EFS ID:	10920397
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	10-SEP-2011
Filing Date:	05-MAY-2010
Time Stamp:	09:47:21
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	Transmittal Letter	psco-008-IDS-4.pdf	13591 <small>0760fe635cb99e44cd0a57cfa43720244cb2d9b4</small>	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Form (SB08)	psco-008-IDS-1449_form-5.pdf	61799 3a8fe6e9276933069b2150d2e4b06f0e0d6c7428	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
Total Files Size (in bytes):			75390		
<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

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit: 2132
Filed: May 5, 2010	Examiner: Benjamin Lanier
Title: Online Personal Library	Docket No.: PSCO-008

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the Applicants' duty of disclosure under 37 C.F.R. § 1.56, Examiner's attention is hereby directed to these references as shown in the attached Forms PTO-1449 (List of References cited by the Applicant) and/or PTO-892 (List of References Cited by the Examiner). Copies of NPL references (if any) are attached. Patent references can be found in the PAIR system. These references are cited by Examiner or Applicant in a related case within 90 days of the filing of this paper.

Identification of these references should not be construed as an admission that any of the information in these references constitutes "prior art" for the purposes of the instant application. It is respectfully requested that the Examiner review the listed references and make the references of record in the file history of the instant application. No fee is believed to be due for this submission.

Respectfully Submitted,

Date: September 10, 2011

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One of the Applicants

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NAREN CHAGANTI
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TOWN & COUNTRY, MO 63017



**Courtesy Reminder for
Application Serial No: 12/799,945**

Attorney Docket No: PSCO-008
Customer Number: 24490
Date of Electronic Notification: 07/18/2011

This is a courtesy reminder that new correspondence is available for this application. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:

naren@chaganti.com
naren.chaganti@gmail.com

Please verify that these email addresses are correct.

To view your correspondence online or update your email addresses, please visit us anytime at <https://sportal.uspto.gov/secure/myportal/privatepair>. If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.



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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
12/799,945 05/05/2010 Naren Chaganti PSCO-008 5345
24490 7590 07/18/2011 NAREN CHAGANTI 713 THE HAMPTONS LANE TOWN & COUNTRY, MO 63017
EXAMINER LANIER, BENJAMIN E
ART UNIT 2432 PAPER NUMBER
NOTIFICATION DATE 07/18/2011 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):

naren@chaganti.com
naren.chaganti@gmail.com

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 07 June 2011 has been entered.

Response to Amendment

2. Applicant's amendment filed 07 June 2011 amends claims 1-5, 8-10, and 14-16. Claim 23 has been added. Applicant's amendment has been fully considered and entered.

Priority

3. Claim 14 does not receive the priority date of the parent application (09/478,796) because the parent application does not support the claim limitations that specify the document being transmitted from a second server to a first server.

4. Claim 21 does not receive the priority date of the parent applications (09/478,796 & 09/623,725) because the parent applications do not support the claim limitations that specify the identity of the modifying user is stored along with the actual document modifications.

5. Claim 23 does not receive the priority date of the parent application (09/478,796) because the parent application does not support the claim limitation that specifies the information object includes music, audio, video, or a movie.

Response to Arguments

6. Applicant argues, “there is disclosure that each access to every document is recorded in the database. See S. No. 09/487,796 at page 11, lines 4-5 (every access is recorded); page 15, lines 3-5 (access by every requester is recorded). Therefore, it is believed that the element ‘storing the identity of the second user’ is therefore adequately described in both 09/478,796 and 09/634,725.” In response, the Examiner is willing to concede that one of ordinary skill in the art would recognize that storing the identity of a requester is inherent when every access is recorded. For the purposes of examination, it will also be true that storing the identity information is inherent to any reference that discusses access logs/audit trails.

7. Applicant’s argument that claim 1 has been amended to overcome the Meyer reference is persuasive, however, claim 14 was not amended to remove the server to server distribution requirement that is not supported by the ‘796 application. Therefore, the Meyer reference is a pertinent reference with respect to claim 14.

8. Applicant’s arguments with respect to the amendments to claims 1 and 9 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Manolis, U.S. Patent No. 7,243,079.

9. Applicant’s arguments with respect to the amendments to claim 15 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Phillips, U.S. Patent No. 7,058,696.

Claim Objections

10. Claim 9 objected to because of the following informalities: “information object” was inadvertently omitted from the amendment in lines 12-13. Appropriate correction is required.

Claim Rejections - 35 USC § 102

11. 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 –

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

12. Claims 1-5, 9-13, 23 are rejected under 35 U.S.C. 102(e) as being anticipated by Manolis, U.S. Patent No. 7,243,079. Referring to claims 1, 5, 23, Manolis discloses an online print service wherein users are able to sign up for an account (Figure 5, 51) by providing user information (Figure 7). The user’s account has an associated URL (Col. 9, line 55). Once the user creates an account, they can sign into their account using login credentials associated with the account (Figure 5) and then upload images (Figures 11-12) to the online print service database (Figure 3, 330), which meets the limitation of establishing accounts for a plurality of users with a server computer, each of said accounts being configured to hold a plurality of information objects for each of said account-holding users, receiving a first information object, receiving an identifier for a first user’s online repository, and receiving authorization to store the first information object in the first user’s online repository from a second computer, including the first information object in the first user’s account established in the online repository if the first information object is authorized to be stored in the first user’s account, the receiving step comprises the step of receiving the information object and the first user’s identifier from a

second party authorized to transmit the information object to the online repository, the second computer is either a client computer or a server computer, and wherein the information object comprises an image.

Referring to claim 2, Manolis discloses that once uploaded, users can share their photos with other users by placing the photos in a shared folder and sending a message to the intended share recipient that includes authorization information used to access the shared images (Figures 24-25 & Col. 9, lines 52-65), which meets the limitation of a receiving a request from a second party to access the information object, authenticating the second party based on one or more criteria from the second party's password, a security level of a password that the second party provides, and making the information object accessible to the second party.

Referring to claim 3, Manolis discloses that the access permissions can be set for shared images (Col. 9, lines 60-63), which meets the limitation of permitting restrictive access to the information object by a second party based on whether the second party is authorized to view, modify, edit, add to, or delete a particular portion of the information object to which access is sought.

Referring to claim 4, Manolis discloses that the images are uploaded using browser functionality, or using a plug-in providing drag and drop functionality (Col. 5, line 50 - Col. 6, line 6), which meets the limitation of receiving the information object for storage in the first storage area via any one or a combination of the methods of hyper text transfer protocol (HTTP), dragging and dropping.

Referring to claims 9-12, Manolis discloses an online print service wherein users are able to sign up for an account (Figure 5, 51) by providing user information (Figure 7). Once the user

creates an account, they can upload images (Figures 11-12) to the online print service database (Figure 3, 330), which meets the limitation of storing the information object in a server computer system connected to the Internet. Once uploaded, users can share their photos with other users by placing the photos in a shared folder and sending a message to the intended share recipient that includes authorization information used to access the shared images (Figures 24-25 & Col. 9, lines 52-65). Shared images have associated access permissions that permit the images to be shared with other users (Col. 9, lines 57-63), which meets the limitation of associated with the information object at least one of a plurality of security levels, receiving from a second party a request to access the information, determining whether the second party is authorized to access the information object based on the at least one of a plurality of security levels associated with the information object, if the second party is authorized to access the information object, making the information object accessible to a second computer, rejecting the second party's request for the information object if the second party is not authorized to receive. The shared images are displayed in a format suitable for the recipient's browser (Figure 27), which meets the limitation of determining the second computer's formatting requirements via a handshaking protocol, formatting a response according to a format acceptable to the second computer, transmitting the formatted response, configuring the information object in a manner suitable for delivery to the second computer, selecting a suitable format from a selection of available formats, using stored rules to format a response.

Referring to claim 13, Manolis discloses that the shared images are displayed as thumbnails (Figure 27), which meets the limitation of translating the response.

13. Claim 14 is rejected under 35 U.S.C. 102(e) as being anticipated by Meyer, U.S. Publication No. 2001/0031066. Referring to claim 14, Meyer discloses a server that stores an online content library linked to particular user identity, where each library includes content title information ([0093]-[0095]), which meets the limitation of a processor, an input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instructions executable by the processor, wherein the program of instructions is configured to direct the processor. The content can be transferred to the user's online library database from a master database ([0095]), where the database systems can be implemented by servers ([0093]), which meets the limitation of receive an input signal from the input device, and responsive to the input signal received, to issue a signal to a second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online repository established on the first server computer.

14. Claims 15-16, 18, 20, 22 are rejected under 35 U.S.C. 102(e) as being anticipated by Phillips, U.S. Patent No. 7,058,696. Referring to claims 15-16, 20, 22, Phillips discloses a multi-user file storage service wherein a remote file server stores files for a group of users (Col. 5, line 66 - Col. 6, line 9), which meets the limitation of establishing, on a server computer coupled to the Internet, an account for each of a plurality of users. Users are permitted to store new files on the remote file server (Col. 15, lines 42-46), which meets the limitation of creating, by a first user, a document for modification by each of the plurality of users, storing the document on the server computer. Access rights are granted to the users of the group such that the users can modify the stored files (Col. 15, lines 25-40 & Col. 24, line 39 – Col. 25, line 44), which meets the limitation of granting a set of access restrictions for the document, said access restrictions

including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer. Other group users can request access to modify the stored files once they have been authenticated (Col. 19, line 52- Col. 20, line 4 & Col. 25, lines 33-52 & Col. 27, lines 40-57), which meets the limitation of receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information, verifying the identity of the second user, and permitting the second user to modify the document based on a set of access rights granted to the second user, receiving identification from the second user, and verifying the second user based on the trustworthiness of the second user, a security level of the second user, the modification to the document includes adding new material to the document, storing the modifications made by the second user to the document.

Referring to claim 18, Phillips discloses that messages are transmitted to users of the group when files are updated (Col. 29, lines 64-67), which meets the limitation of if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

Claim Rejections - 35 USC § 103

15. 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.

16. 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.

17. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Manolis, U.S. Patent No. 7,243,079, in view of Chen, U.S. Patent No. 5,832,208. Referring to claim 8, Manolis does not disclose scanning the uploading images for viruses. Chen discloses scanning for viruses when content is uploaded (Col. 4, lines 13-19), which meets the limitation of scanning the information object for viruses, and if the information object contained a virus, then discarding the information or removing the virus from the information object prior to storing the object in the repository. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the online library of Manolis to scan the uploaded content for viruses in order to protect the server from virus infection as taught by Chen (Col. 1, lines 49-56).

18. Claims 17, 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Phillips, U.S. Patent No. 7,058,696, in view of Watson, U.S. Patent No. 5,475,839. Referring to claim 17, Phillips does not disclose that the remote file server includes an access log. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an access log in the remote file server of Phillips in order to provide an audit trail as taught by Watson (Col. 13, lines 16-18).

Referring to claim 21, Phillips discloses that access rights are granted to the users of the group such that the users can modify the stored files (Col. 15, lines 25-40 & Col. 24, line 39 – Col. 25, line 44), which meets the limitation of applying modification made by the second user to the document, and storing the modified document. Phillips does not disclose that the remote file server includes an access log. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include an access log in the remote file server of Phillips in order to provide an audit trail as taught by Watson (Col. 13, lines 16-18). As discussed above, storing the identification information is inherent to any reference that discusses access logs/audit trails.

Allowable Subject Matter

19. Claim 19 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: The prior art does not disclose or make obvious the claimed requirement that the modifications be approved by the group of users and storing the identity information for those users who approved the modifications to the document.

Conclusion

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN LANIER whose telephone number is (571)272-3805. The examiner can normally be reached on M-Th 7:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

Notice of References Cited	Application/Control No. 12/799,945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-5,475,839 A	12-1995	Watson et al.	713/2
*	B US-7,058,696 B1	06-2006	Phillips et al.	709/217
*	C US-7,243,079 B1	07-2007	Manolis et al.	705/26.81
	D US-			
	E US-			
	F US-			
	G US-			
	H US-			
	I US-			
	J US-			
	K US-			
	L US-			
	M US-			


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	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.

<i>Index of Claims</i> 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

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

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

CLAIM		DATE							
Final	Original	11/26/2010	04/05/2011	07/05/2011					
	1	✓	✓	✓					
	2	✓	✓	✓					
	3	✓	✓	✓					
	4	✓	✓	✓					
	5	✓	✓	✓					
	6	✓	-	-					
	7	✓	-	-					
	8	✓	✓	✓					
	9	✓	✓	✓					
	10	✓	✓	✓					
	11	✓	✓	✓					
	12	✓	✓	✓					
	13	✓	✓	✓					
	14	✓	✓	✓					
	15	✓	✓	✓					
	16	✓	✓	✓					
	17	✓	✓	✓					
	18	✓	✓	✓					
	19	✓	✓	✓					
	20	✓	✓	✓					
	21		✓	✓					
	22		✓	✓					
	23			✓					

Search Notes 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Updated Search of 713/182-186; 726-2-9, 26-33	7/5/2011	BL
East Search (See Attachment)	6/30/2011 & 7/5/2011	BL

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	887	((collaborat\$3)) and (((modification\$1 or edit\$1)) same (password\$1))	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 10:15
L4	5547	(713/182-186).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 10:15
L5	12328	(726/2-9).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 10:15
L6	8029	(726/26-33).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 10:15
L7	23121	L4 or L5 or L6	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 10:15
L8	50	L7 and ((collaborat \$3)) and (((modification\$1 or edit\$1)) same (password\$1))	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 10:15
L10	85	7 and ((log\$4 near3 access\$3) with (track \$3 or (audit near1 trail\$1)))	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/07/05 12:09
S96	248	(cartogra or hpphoto or ofoto or shutterfly or netdrive) and shar \$3	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/15 10:02
S97	44	(cartogra or hpphoto or ofoto or shutterfly or netdrive) and (shar \$3 same password \$1)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/15 10:03
S98	78	shutterfly.as.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/30 15:04
S99	36	S98 and shar\$3	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/30 15:05

S100	7	(cartogra or hpphoto or ofoto or shutterfly or netdrive) and (access near1 level \$1)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/30 15:34
S101	16	(cartogra or hpphoto or ofoto or shutterfly or netdrive) and (access\$3 near3 level \$1)	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/30 15:35
S102	21	(cartogra or hpphoto or ofoto or shutterfly or netdrive) and (access\$3 near3 (permission\$1 or privilege\$1))	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/06/30 15:37

7/ 5/ 11 1:27:59 PM

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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner LANIER, BENJAMIN E.

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):

naren@chaganti.com
naren.chaganti@gmail.com



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

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Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
12/799,945	05 May 2010	CHAGANTI ET AL.	PSCO-008

NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

EXAMINER

BENJAMIN LANIER

ART UNIT	PAPER
2432	20110511A

2432 20110511A

DATE MAILED:

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

Commissioner for Patents

Attachment includes agenda corresponding to the Interview held 11 May 2011.

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT:
FILED: MAY 5, 2010	EXAMINER:
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

PRE-INTERVIEW DISCUSSION POINTS REGARDING FINAL OFFICE ACTION

DATED APRIL 12, 2011

In the office action the examiner stated that claims 15-22 were not supported by the disclosures of the two prior applications, 09/478,796 and 09/634,725. Applicants respectfully request the Examiner to review the applications with an eye toward the following discussion. As filed with the continuation application in 12/799,945, Claim 15 recited as follows:

15. (New) A method for online document collaboration, the method comprising the steps of:
 - establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;
 - creating, by a first user, a document for modification by each of the plurality of users;
 - storing the document on the server computer;
 - granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;
 - receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;
 - verifying the identity of the second user by way of a password received from the second user;
 - permitting the second user to modify the document based on a set of access rights granted to the second user;
 - applying modification made by the second user to the document; and
 - storing the document, the modifications made by the second user, and the identity of the second user.

In the December 8, 2010 office action, the Examiner stated,

5. * * * The disclosure of the '725 application does not provide adequate support for the claimed storing of a document, modifications made to document by a second user, and the identity of the second user. The '725 application discusses allowing a requesting user to modify documents stored in the online library and providing notifications that the document has been modified (Claims 15-20). However, the disclosure is silent with respect to storing the identity of the user who modified the document.

6. Therefore, claims 1-14 are not entitled to the benefit of prior application 09/478,796, and claims 15-20 are not entitled to the benefit of prior application 09/478,796 and 09/634,725.

With respect to Claims 1-14, Applicants are entitled to the priority date of at least August 5, 2000, which if acknowledged is believed to remove Barberis (U.S. Pat. App. Pub. No. 20040021686 (filed July 2, 2002)) as a reference. As to Claims 15-22, on March 28, 2011, Applicants amended the language of Claim 15 to recite as follows:

15. (presently amended) A method for online document collaboration, the method comprising the steps of:
 establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;
 creating, by a first user, a document for modification by each of the plurality of users;
 storing the document on the server computer;
 granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;
 receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;
 verifying the identity of the second user by way of a password received from the second user; and
 permitting the second user to modify the document based on a set of access rights granted to the second user[[:]]
 ~~applying modification made by the second user to the document; and~~
 ~~storing the document, the modifications made by the second user, and the identity of the second user.~~

Along with the amendment to Claim 15, Applicants further added two new claims, 21-22 to recite the following:

21. (New) The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document;
and
storing the modified document.
22. (New) The method of claim 15, further comprising the step of:
storing the modifications made by the second user to the
document.

There is no question that the step “storing the identity of the second user” is recited in both 09/478,796 and 09/634,725. See, e.g., original claims¹ 5 & 6 filed with 09/478,796:

5. The method of claim 1, further comprising the step of recording every access of the user's personal information to create an audit trail.
6. A method of notifying changes or updates to a user's personal information to designated entities comprising the steps of:
changing or updating personal information;
storing said changed or updated personal information in a database;
designating an entity to receive said updated personal information;
and
transmitting to the entity said updated information.

(Underline added). Further, see the following in 09/634,725 at page 32, lines 13-17:

The method by which a requester 105 accesses the online library includes the method described earlier with regard to the user's personal information with reference to Fig. 2, steps 200-228. These steps are applicable to disbursing information stored in the multi-level secure library similar to that of the user's personal information and are incorporated herein by reference. The LSP plays the role of a PIRSP.

¹ See *In re Koller*, 613 F.2d 819, 824, 204 USPQ 702, 706 (CCPA 1980) (later added claims of similar scope and wording were adequately described by original claims); *In re Gardner*, 480 F.2d 879, 880, 178 USPQ 149, 149 (CCPA 1973) ("Under these circumstances, we consider the original claim in itself adequate 'written description' of the claimed invention. It was equally a 'written description' * * * whether located among the original claims or in the descriptive part of the specification.").

This is believed to be sufficient disclosure to show that the inventor was in possession of the invention at the time of the filing of the applications. This is also sufficient for a person of ordinary skill in the art to make or use the invention.

As far as Meyer reference, applicants respectfully disagree that the disclosure of the parent application did not include “content” and included only “information.” There was no such distinction in the parent application the term information is described as, “comprises voice, video, data and/or text or any combinations thereof.” In light of this disclosure, and further because modifications to an information object were disclosed in the parent application, Meyer is not believed to be a good reference. However, to achieve early notice of allowance, Applicants will change the term “library” to --repository-- and “digital item” to “item”. Support for this terminology is in the parent application S. No. 09/478,796 at page 17, line 12 (describing assigning a numerical value to each “entity or item”). Examiner is respectfully requested to review and enter the amendment. Thus, Applicants propose an amendment to Claim 1 along the following lines:

1. (presently amended) A method of creating an online ~~library~~ repository on a first server computer coupled to the Internet, the method comprising the following steps performed by the first server computer:
allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more information objects ~~digital items~~ for a plurality of users, said one or more information objects ~~digital items~~ including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;
receiving a first information object ~~digital item~~ from a second server computer; and
including the first information object ~~digital item~~ in the online ~~library~~ repository, wherein the second server computer is provided an identification of the first information object ~~digital item~~ and an identification of the online ~~library~~ repository.

Or alternatively,

1. (presently amended) A method of creating an online ~~library~~ repository on a first server computer coupled to the Internet, the method comprising the following steps performed by the first server computer:
allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more digital items for a plurality of users, said one or more digital items including ~~a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;~~
receiving an a digital item from a second server computer; and
including the digital item in the online ~~library~~ repository, wherein the second server computer is provided an identification of the first information object ~~digital~~ item and an identification of the online ~~library~~ repository.

It is respectfully requested that these discussion points are materials presented for ruminations prior to a telephone discussion of various possibilities and not to be taken as admissions or final views or remarks of Appellants.

Respectfully submitted,

Date: April 28, 2011

/Naren Chaganti/ (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone

One of the Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

APPLICANT’S RESPONSE TO EXAMINER’S STATEMENT OF INTERVIEW

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

In response to Examiner’s Statement of the Interview of June 7, 2011, Applicants agree that the Examiner expressed the views stated in the Statement.

Applicants respectfully suggest that “video” is mentioned twice in the application Ser. No. 09/478,796 (“parent application”). See page 5, line 12; and page 20, line 19. In addition, on page 10, at lines 15-16, the disclosure provides, “biometric information (retina scan, samples of speech, finger prints, DNA sequences, and other information) * * *”. Further, multimedia storage is disclosed at page 9, line 1. Therefore “video” is believed to be sufficiently disclosed in the application. Applicants respectfully disagree with the Examiner on this point.

During the interview, Applicants suggested that they would further clarify the claim language by reciting that “information” comprises “voice, video, data and/or text or any combination thereof” in the preamble of the independent claims instead of in the body. An amended set of claims according to those suggestions was filed on April 7, 2011.

Respectfully Submitted,

/Naren Chaganti/ (Reg. No. 44,602)

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(650) 248-7011 phone

naren@chaganti.com

One of the Applicants

Electronic Acknowledgement Receipt

EFS ID:	10316301
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	16-JUN-2011
Filing Date:	05-MAY-2010
Time Stamp:	10:10:11
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	Applicant summary of interview with examiner	pSCO-008_resp_to_examiner_st mt_of_interview.pdf	24635 eb652833aa654f347e4df1abb2cfc3b35e9b dee9	no	2

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.



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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):

naren@chaganti.com
naren.chaganti@gmail.com

Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	

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

(1) BENJAMIN LANIER. (3) _____.

(2) Naren Chaganti (Req. No. 44,602). (4) _____.

Date of Interview: 07 June 2011.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: Meyer.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

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. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Benjamin E Lanier/ Primary Examiner, Art Unit 2432	
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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.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Chaganti proposed claim amendments (attached) in an attempt receive the priority date of the 09/478,796 application, which would antedate Meyer. Examiner stated that the recitation of video as a possible information object would need to be removed because page 10 of the parent application does not support video as a possible information object. Examiner explained that if the video recitation was removed, the claims would receive full benefit of the '796 application priority date..

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

(REVISED) Proposed After-Final Claim Amendment

1. (presently amended) A method of creating an online repository library on a first server computer coupled to the Internet, the method comprising the following steps performed by the first server computer:

establishing accounts for a plurality of users with a server computer, each of said accounts being configured to hold a plurality of information objects for each of said account-holding users, said information objects comprising voice, video, data, text and/or any combinations thereof;

~~allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more digital items for a plurality of users, said one or more digital items including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;~~

receiving a first information object;

receiving an identifier for a first user's online repository; and

receiving authorization to store the first information object in the first user's online repository ~~a digital item~~ from a second server computer; and

including the first information object ~~digital item~~ in the first user's account established in the online repository if the first information object is authorized to be stored in the first user's account ~~library, wherein the second server computer is provided an identification of the digital~~

~~item and an identification of the online library.~~

23. (New) The method of claim 1, wherein the second computer is either a client computer or a server computer.

Remarks

1. Claim 1 (as revised) recites a second computer from which the information object is received for storage in the online repository. This is disclosed in parent application. Claim 23 clarifies the features of claim 1 and captures both information from the parent application and the transaction in FIG. 5 of the CIP application 09/634,725. A plurality of servers is disclosed in parent case S. No. 09/478,796 at page 19, lines 23-26:

Though reference is made only to a single instance of each of the client and the server computers, it should be noted that the invention can be practiced using an architecture comprising a plurality of client computers (not shown) and/or a plurality of server computers (not shown).

2. A second server is therefore sufficiently described for the purpose of this claim because in part the parent application also describes that a user's information repository may receive data from a third party. See S. No. 09/478,796 at page 19, lines 6-7.

Some information is updated either by the user 103 or by a third party (not shown). An example of such updated information is medical information.

3. Meyer does not describe the transactional step as claimed here. See Paragraph [0030], where Meyer states:

The server then returns a web page associated with the OID, or re-directs the OID to another server (e.g., one maintained by the content distributor or owner), which in turn, returns a web page of information about the object and links to related actions (e.g., a link to a licensing server, a link to a server for buying and downloading related music etc.). The licensing server may be programmed to download software players and new music offerings compatible with those players. For instance, the licensing server may provide software for decrypting, decoding, and playing electronically distributed music according to usage rules packaged with the electronically distributed music. In this application scenario, the linking of the MP3 file enables the content owner to market music and products that promote the sale of audio objects in other formats, included formats protected with encryption, watermark copy managements schemes, etc.

4. It is also observed that Meyer provisional application (60/178,028, filed Jan. 26, 2000) does not have the language of Paragraph 30 in Meyer (US2001/0031066) in January 24, 2001, which is after the filing date of the application S. No. 09/634,725.

Therefore, the language of Paragraph 30 appears to be directed toward a different invention altogether.

5. For these reasons, the proposed claim is believed to overcome Meyer as a reference, and places the application in a condition for further examination upon filing an RCE.

Respectfully submitted,
/Naren Chaganti/ Reg. No. 44, 602
Naren Chaganti

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

REQUEST FOR CONTINUED EXAMINATION

Assistant commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the final office action dated April 12, 2011 in the referenced case. This paper is filed with a request for continued examination. Please establish an RCE. In this paper, claim amendments are presented at page 2, and Remarks section starts at page 9. A fee computation sheet is at page 22.

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Claim Amendments

1. (presently amended) A method of creating an online repository library on a first server computer coupled to ~~the Internet~~ a data communication network, said data communication network being capable of transmitting and/or receiving information objects comprising voice, video, data, text and/or any combinations thereof, the method comprising the following steps performed by the first server computer:

establishing accounts for a plurality of users with a server computer, each of said accounts being configured to hold a plurality of information objects for each of said account-holding users;

~~allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more digital items for a plurality of users, said one or more digital items including a web page, a link to a web page, a bookmark, a document, an e book, an image, a piece of music, a piece of audio, a video clip, or a movie;~~

receiving a first information object;

receiving an identifier for a first user's online repository; and

receiving authorization to store the first information object in the first user's online repository ~~a digital item~~ from a second server computer; and

including the first information object ~~digital item~~ in the first user's account established in the online repository if the first information object is authorized to be stored in the first user's account ~~library, wherein the second server computer is provided an identification of the digital item and an identification of the online library.~~

2. (presently amended) The method of claim 1 further comprising the steps of:

receiving a request from a second party to access the information object ~~digital item~~;

authenticating the second party based on one or more criteria from: (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second party, (d) the second party's password, (e) a security level of the second party, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired; and

making the information object ~~digital item~~ accessible to the second party.

3. (presently amended) The method of claim 1 further comprising the step of:

permitting restrictive access to the information object ~~digital item~~ by a second party based on whether the second party is authorized to view, modify, edit, add to, or delete a particular portion of the information object ~~digital item~~ to which access is sought.

4. (presently amended) The method of claim 1 wherein the receiving step comprises the step of:

receiving the information object ~~digital item~~ for storage in the first storage area via any one or a combination of the methods of (1) E-mail, (2) remote copy program (rcp), (3) hyper text transfer protocol (HTTP), (4) file transfer protocol (ftp), (5) Unix-to-Unix-Copy program (UUCP), (6) cutting-and-pasting, (7) copying-and-pasting, and (8) dragging-and-dropping.

5. (presently amended) The method of claim 1 wherein

the receiving step comprises the step of:

~~authorizing~~ receiving the information object and the first user's identifier from a second

party authorized to transmit the information object digital item to the online repository library;
and

~~directing the second party to transmit the digital item to the online library.~~

6 - 7. (previously canceled)

8. (presently amended) The method of claim 1 further comprising the step of:

scanning the information object digital item for viruses; and

if the information object digital item contained a virus, then (a) discarding the information object digital item or (b) removing the virus from the information object digital item prior to storing the object in the repository library.

9. (presently amended) A method of sharing an information object, wherein said information object comprises voice, video, data, text and/or any combinations thereof a digital item with at least one of a plurality of users, the method comprising the following steps performed by a server computer:

storing the information object digital item in a server computer system connected to the Internet, ~~said digital item including a web page, a link to a web page, a bookmark, a document, an e book, an image, a piece of music, a piece of audio, a video clip, or a movie;~~

associating with the information object digital item at least one of a plurality of security levels;

receiving from a second party a request to access the information object digital item;

determining whether the second party is authorized to access the information object digital item based on the at least one of a plurality of security levels associated with the digital item;

if the second party is authorized to access the information object digital item, making the

information object digital item accessible to ~~the~~ a second computer party;

determining the second computer's formatting requirements via a handshaking protocol;

formatting a response according to a format acceptable to the second computer;

transmitting the formatted response; and

rejecting the second party's request for the information object digital item if the second party is not authorized to receive.

10. (presently amended) The method as in claim 9, wherein the step of formatting a response comprises the step of:

configuring the ~~response message~~ information object in a manner suitable for delivery to the second computer party's device.

11. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

selecting a suitable format from a selection of available formats.

12. (previously amended) The method as in claim 9, wherein the step of formatting a response comprises the step of:

using stored rules to format a response.

13. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

encrypting or translating the response.

14. (presently amended) An apparatus comprising:

a processor;

an input device coupled to the processor;

a memory coupled to the processor;

said memory being adapted to receive and store therein program of instructions executable by the processor;

wherein the program of instructions is configured to direct the processor

to receive an input signal from the input device, and responsive to the input signal received, to issue a signal to a second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online repository library established on the first server computer.

15. (presently amended) A method for online document collaboration, the method comprising the steps of:

establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;

creating, by a first user, a document for modification by each of the plurality of users;

storing the document on the server computer;

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;

verifying the identity of the second user ~~by way of a password received from the second user;~~ and

permitting the second user to modify the document based on a set of access rights granted to the second user.

16. (presently amended) The method of claim 15, wherein the step of verifying the ~~registration~~ identity of the second user further comprises the steps of:

~~receiving a user-identification from the second user; and~~
~~receiving a password from the second user~~
~~if the second user does not have an account with the server computer, then establishing an account for the second user on the server computer;~~
~~verifying the second user's account information; and~~
~~permitting the second user to access the document for modification~~
verifying the second user based on one or more criteria from: (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the second user, (d) the second user's password, (e) a security level of the second user, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that the second party provides, (i) type of device used by the second party, (j) identity of a device used by the second party, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired.

17. (previously presented) The method of claim 16 further comprising the step of:
creating an audit trail of the document access.

18. (previously presented) The method of claim 15 further comprising the step of:
if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

19. (previously presented) The method of claim 15 further comprising the steps of:
after a document is modified, receiving approval for the modifications from one or more
of a group of users; and
storing identifying information of each one of the one or more of a group of users who
approved the modifications to the document.

20. (previously presented) The method of claim 15, where the modification to the
document includes adding new material to the document, deleting material from the document,
making notes within the document, underlining material in the document, adding a digital
signature to the document or highlighting material in the document.

21. (previously presented) The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document; and
storing the modified document.

22. (previously presented) The method of claim 15, further comprising the step of:
storing the modifications made by the second user to the document.

23. (New) The method of claim 1,
wherein the second computer is either a client computer or a server computer, and
wherein the information object comprises a web page, a link to a web page, a
bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video
clip, or a movie.

REMARKS

This is in response to the final office action dated April 12, 2011, which rejected all pending claims as unpatentable. In this response changes are made to clarify the features of the invention, thereby overcoming the rejections. A request for continued examination is hereby made. Appropriate filing fee is paid via credit card.

Interview with the Examiner

On May 11, 2011 Applicants had a telephone interview with Examiner Lanier. Applicants thank Examiner Lanier for the courtesies shown in discussing the matters under examination. The discussion was about ‘effective priority date’ of the claims under examination in view of Meyer (US2001/0031066). Applicants argued that the parent application disclosed all the features of Meyer that are used as grounds for rejection of the pending claims. Applicants also argued that Barberis was not pertinent reference as it was filed two years after the instant applications were filed. Applicants argued that the claims are patentable over the prior art and that the references were not pertinent and the claims would not have been obvious to one of skill in the art at the time the invention was made. Examiner suggested that if the recitation to a “second server computer” in Claim 1 is removed, that would remove Meyer as a reference altogether. Subsequent to this discussion, Applicants had a further telephone interview on June 7, 2011 with the Examiner during which it appeared that there was an agreement that the claims as presented in this paper would overcome all cited references. Applicants thank Examiner Lanier for the courtesies shown during this telephone interview. Examiner is respectfully requested to review this statement and affirm or correct as is proper according to the Examiner’s recollection of the discussion.

Applicants' Response to Examiner's Suggestion

In view of Examiner's suggestion of May 11, 2011, Applicants note that the parent application discloses a plurality of server computers:

Though reference is made only to a single instance of each of the client and the server computers, it should be noted that the invention can be practiced using an architecture comprising a plurality of client computers (not shown) and/or a plurality of server computers (not shown).

S. No. 09/478,796, at page 19, lines 23-26. Therefore a second server computer is sufficiently described under 35 U.S.C. § 112, ¶ 1. This point was discussed during the telephone interview on June 7, 2011.

Amendment to the Specification

After the Title, please delete the section entitled "Cross-Reference to Related Applications" in its entirety and substitute the following in its stead.

--Cross Reference to Related Applications

This application is a continuing application of 09/634,725, filed August 5, 2000 (now pending), which is a continuation-in-part application of application Ser. No. 09/478,796, filed on January 7, 2000 (now USP 6,845,448 B1). This application is also related to Ser. No. 12/799,945 filed May 5, 2010, which is a continuation application of application Ser. No. 09/634,725, filed August 5, 2000, and to Ser. No. 13/089, 775 filed on April 19, 2011 (now pending), which is a continuation application of 09/634,725, filed August 5, 2000. This application is further related to Ser. No. 10/987,917 filed November 12, 2004, which is a continuation application of application Ser. No. 09/478,796, and Ser. No. 13/090,066 filed April 19, 2011, which is a continuation application of Ser. No. 10/987,917, and Ser. Nos. 13/089,775, 13/090,222 filed April 19, 2011, and 13/091,387 filed April 19, 2011 each of which is a continuation application of Ser. No. 09/634,725.--

Amendments to the Claims

All claims are amended to replace the term “digital item” with --information object-- as used in the parent. In addition, the claims recite “repository” instead of --library--. Further, independent claims recite that the term “information object” “comprises voice, video, data, text and/or any combinations thereof”. These changes are made for clarification purposes. Support for this amendment is in the Specification of the parent application S. No. 09/478,796 at page 20, lines 18-19. Likewise, claim 1 is amended to recite that “one or more constraints are imposed as to the usage, resale or retransmission of the first information object”, for which support is in the parent application S. No. 09/478,796 at page 18, lines 18-23. Examiner is respectfully requested to review and enter this amendment.

Claim 15 is amended to delete a reference to password from a second user.

Claim 16 is amended to recite a number of criteria that could be used to authenticate or verify the second user. These changes do not add new matter. Examiner is respectfully requested to review and enter the amendments.

Claim 23 is newly added. This claim recites that the second computer may be either a client computer or a server computer. Support is in the parent application and the C-i-P application. See, *e.g.*, FIG. 5 of the C-i-P application and written description thereof. These changes do not add new matter. Examiner is respectfully requested to review and enter the claim.

Priority to Earlier Applications

In a December 2010 office action, it is stated:

5. * * * The disclosure of the '725 application does not provide adequate support for the claimed storing of a document, modifications made to document by a second user, and the identity of the second user. The '725 application discusses allowing a requesting user to modify documents

stored in the online library and providing notifications that the document has been modified (Claims 15-20). However, the disclosure is silent with respect to storing the identity of the user who modified the document.

6. Therefore, claims 1-14 are not entitled to the benefit of prior application 09/478,796, and claims 15-20 are not entitle[d] to the benefit of prior application 09/478,796 and 09/634,725.

There is sufficient written description for claims 15-22

In a response to the December 2010 office action filed in February 2011, Applicants deleted the final two steps in Claim 15, and added the same as Claims 21 & 22 as follows:

21. The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document; and
storing the modified document.
22. The method of claim 15, further comprising the step of:
storing the modifications made by the second user to the document.

In doing so, Applicants have ensured that the steps are sufficiently clear and that there is compliance with the Written Description and Enablement requirements under 35 U.S.C. § 112, ¶ 1. For example, there is disclosure that each access to every document is recorded in the database. See S. No. 09/478,796, at page 11, lines 4-5 (every access is recorded); page 15, lines 3-5 (access by every requester is recorded). Therefore, it is believed that the element “storing the identity of the second user” is therefore adequately described in both 09/478,796 and 09/634,725. As to changes to stored documents and storing changes to documents, it is sufficiently described in the Specification of S. No. 09/478,796 at page 19, lines 4-12 & at page 23, claims 5-6 (under the original claim doctrine¹), and further at S. No. 09/634,725 at page 32.

The original claims 5 & 6 filed with 09/478,796 recite:

¹ See *In re Koller*, 613 F.2d 819, 824, 204 USPQ 702, 706 (CCPA 1980) (later added claims of similar scope and wording were adequately described by original claims); *In re Gardner*, 480 F.2d 879, 880, 178 USPQ 149, 149 (CCPA 1973) (“Under these circumstances, we consider the original claim in itself adequate ‘written description’ of the claimed invention. It was equally a ‘written description’ * * * whether located among the original claims or in the descriptive part of the specification.”).

5. The method of claim 1, further comprising the step of recording every access of the user's personal information to create an audit trail.
6. A method of notifying changes or updates to a user's personal information to designated entities comprising the steps of:
changing or updating personal information;
storing said changed or updated personal information in a database;
designating an entity to receive said updated personal information; and
transmitting to the entity said updated information.

(Underline added). In S. No. 09/634,725 at page 32, lines 13-17 the following is stated:

The method by which a requester 105 accesses the online library includes the method described earlier with regard to the user's personal information with reference to Fig. 2, steps 200-228. These steps are applicable to disbursing information stored in the multi-level secure library similar to that of the user's personal information and are incorporated herein by reference. The LSP plays the role of a PIRSP.

This is believed to be sufficient disclosure to show that the inventor was in possession of the invention at the time of the filing of the applications. This is also sufficient for a person of ordinary skill in the art to make or use the invention. As to applying the modifications made by the second user to the document, it is described as well at the same location. The objection under 35 U.S.C. § 112, ¶ 1 is therefore overcome. Reconsideration is respectfully requested.

Argument regarding rejected claims

1. All claims are rejected under 35 U.S.C. § 103 as being unpatentable over a combination of references with Meyer being the primary reference and Glassman or Atkinson or Barberis as secondary references.

2. The Examiner has the initial burden of proof of *prima facie* obviousness. See *In re Oetiker*, 977 F.2d 1443, 1445 (Fed. Cir.1992) (In the absence of a proper *prima facie* case of obviousness, an applicant who complies with the other statutory requirements is entitled to a patent.)

3. The burden of production and proof regarding obviousness is on the Patent Office. See, e.g., *In re Piasecki*, 745 F.2d 1468, 1472 (Fed. Cir. 1984) (citing *In re Warner*, 379 F.2d 1011, 1016 (C.C.P.A. 1967)).

4. In *Graham v. John Deere Co.*, 383 U.S. 1, 17 (1966), the Supreme Court held that the factual considerations in determining obviousness include “the scope and content of the prior art are to be determined; differences between the prior art and the claims at issue are to be ascertained; and the level of ordinary skill in the pertinent art resolved.” Therefore, in order to show a *prima facie* case of obviousness, the Office Action is required to identify the field of endeavor, the scope and content of the prior art and whether the subject matter as a whole would have been obvious to one of skill in the art. The Office Action combined materials from three non-analogous areas of art. Taking each individual element of a claim, item by item and showing, via a piecemeal approach, that they exist somewhere in the prior art is an erroneous approach. See *Litton Sys., Inc. v. Whirlpool Corp.*, 728 F.2d 1423, 1443, 221 USPQ 97, 111 (Fed.Cir.1984)(citing *Environmental Designs Ltd. v. Union Oil Co. of California*, 713 F.2d 693, 698, 218 USPQ 865, 870 (Fed.Cir.1983)(“That all elements of an invention may have been old (the normal situation), some old and some new, or all new, is however, simply irrelevant.”))

5. In order for a combination to be made to defeat a claim, there should be some relationship between the applicant’s field of endeavor and the identified art in order to be qualified for a combination. See *In re Wood*, 599 F.2d 1032, 1036, 202 USPQ 171, 174 (CCPA 1979), where the Court stated:

In resolving the question of obviousness under 35 U.S.C. § 103, we presume full knowledge by the inventor of all the prior art in the field of his endeavor. However, with regard to prior art outside the field of his endeavor, we only presume knowledge from those arts reasonably pertinent to the particular problem with which the inventor was involved. *In re Antle*, 444 F.2d 1168, 1171-72, 58 CCPA 1382, 1387, 170 USPQ 285, 287-88 (1971). The rationale behind this rule

precluding rejections based on combination of teachings of references from nonanalogous arts is the realization that an inventor could not possibly be aware of every teaching in every art. Thus, we attempt to more closely approximate the reality of the circumstances surrounding the making of an invention by only presuming knowledge by the inventor of prior art in the field of his endeavor and in analogous arts.

The determination that a reference is from a nonanalogous art is therefore two-fold. First, we decide if the reference is within the field of the inventor's endeavor. If it is not, we proceed to determine whether the reference is reasonably pertinent to the particular problem with which the inventor was involved.

6. Meyer did not face a problem that was to be solved by DiStefano; and DiStefano did not face a problem that could have been solved by Meyer or Hanson. The Federal Circuit held:

Patent examination is necessarily conducted by hindsight, with complete knowledge of the applicant's invention, and the courts have recognized the subjective aspects of determining whether an inventor would reasonably be motivated to go to the field in which the examiner found the reference, in order to solve the problem confronting the inventor. We have reminded ourselves and the PTO that it is necessary to consider "the reality of the circumstances."

In re Oetiker, 977 F.2d 1443, 1447 (Fed. Cir. 1992). Therefore it is believed that one of ordinary skill in the art would not have combined the references in the manner suggested by the Office Action. With these principles in mind, Applicants present the following arguments in particular reference to the cited art as follows.

Meyer is not a pertinent reference

In light of the above discussion, Meyer is overcome as a reference. The substitutions of the terms --repository-- for "library" and --information object-- for "digital item" show that the subject matter of Meyer is already disclosed in the parent application S. No. 09/478,796. Applicants believe these substitutions are not necessary as the terms used in the parent application and the CIP application are consistent with each other. Further, the parent application discloses "personal preferences (movies, ... books, ...)". See *id.*, at page 10, lines 16-17. The '796 application also discloses that using an information object may be controlled by

way of a contract or copyright. See *id.*, at page 18, lines 18-22. Therefore, Meyer cannot be used against the instant independent claims.

In addition, Claim 1 (as revised) recites a second computer from which the information object is received for storage in the online repository. This is disclosed in parent application. Claim 23 clarifies the features of claim 1 and captures both information from the parent application and the transaction in FIG. 5 of the CIP application 09/634,725. As stated above, a plurality of servers is disclosed in parent case S. No. 09/478,796 at page 19, lines 23-26. Further, the parent application discloses that a user's information repository may receive data from a third party. See S. No. 09/478,796 at page 19, lines 6-7.

In addition, Applicants believe that Meyer does not describe the transactional step as claimed in Claim 1. See Meyer at Paragraph [0030], which provides:

The server then returns a web page associated with the OID, or re-directs the OID to another server (e.g., one maintained by the content distributor or owner), which in turn, returns a web page of information about the object and links to related actions (e.g., a link to a licensing server, a link to a server for buying and downloading related music etc.). The licensing server may be programmed to download software players and new music offerings compatible with those players. For instance, the licensing server may provide software for decrypting, decoding, and playing electronically distributed music according to usage rules packaged with the electronically distributed music. In this application scenario, the linking of the MP3 file enables the content owner to market music and products that promote the sale of audio objects in other formats, included formats protected with encryption, watermark copy managements schemes, etc.

It is also observed that Meyer provisional application (60/178,028, filed Jan. 26, 2000) does not have the language of Paragraph 30 in Meyer (US2001/0031066) in January 24, 2001, which is after the filing date of the application S. No. 09/634,725. Therefore, the language of Paragraph 30 appears to be directed toward a different invention altogether. For these reasons,

the proposed claim is believed to overcome Meyer as a reference, and places the application in a condition for further examination upon filing an RCE.

All claims are patentable over Barberis

Each of the presented claims is entitled to the priority date of at least August 5, 2000, which is believed to remove Barberis (U.S. Pat. App. Pub. No. 20040021686 (filed July 2, 2002)) as a reference. In addition, Barberis does not qualify as a 35 U.S.C. § 102(e) art as it is only a publication and not a patent. The application under examination was filed prior to November 29, 2000, and therefore the prior version of Section 102(e) applies, which states:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Barberis was an application filed in the U.S. and never matured into a patent.

Fu (USP 6,882,793)

Each of the independent claims is also entitled to the priority date of the parent application, which is January 7, 2000, which is believed to remove Fu, which is filed on June 16, 2000, as a reference. In addition, Fu is not directed toward analogous art because Fu describes a method and apparatus for producing video content. See Abstract. See also, Col. 16, lines 44-64.

Accordingly it is submitted that Fu in combination with other art of record would not have rendered obvious the instant claims to a person of ordinary skill in the art. Reconsideration is respectfully requested.

Hanson (USP 6,507,865)

As argued in an earlier response to office action, Hanson is directed toward non-analogous art. Hanson describes using an “electronic form 100” to create the so-called “zaplet.”

See Fig. 3 & text describing Fig. 3; see also, Fig. 6. Hanson further does not enable or explain how binary content could be added to the zaplet. See Col. 14, lines 43-47. A reference must describe the patented subject matter with sufficient clarity and detail to establish that the subject matter existed in the prior art and that such existence would be recognized by persons of ordinary skill in the field of the invention. See *In re Spada*, 911 F.2d 705, 708, 15 USPQ2d 1655, 1657 (Fed.Cir.1990). See also, *Impax Labs v. Aventis Pharmaceuticals*, 468 F. 3d 1366, 1381 (Fed. Cir. 2006) (“In order to be anticipating, a prior art reference must be enabling so that the claimed subject matter may be made or used by one skilled in the art. Prior art is not enabling so as to be anticipating if it does not enable a person of ordinary skill in the art to carry out the invention.”) (citations). Therefore, it is believed that Hanson individually or in combination with other references of record would not have enabled a person of skill in the art to make the invention as claimed at the time the invention was made. Examiner is respectfully requested to reconsider this rejection.

DiStefano (USP 7,353,199)

DiStefano discloses a method of “permitting restricted access to [a] third party; and, eliminating all access restrictions imposed in the permitting step when the third party registers with the system.” See Abstract. This is non-analogous art to the claims under examination. DiStefano appears to be an attempt to “enabl[e] an individual to conveniently design a Web page without requiring that individual to learn HTML or to interact extensively with a Web page designer * * *.” See Background (Col. 2, lines 47-50). DiStefano appears to describe a “method for limiting access to the resources of a system for creating and posting an HTML document on the Web for the benefit of a registered user.” See Col. 3, lines 29-31. Therefore, DiStefano, individually or in combination of the other references of record would not have rendered the

claimed invention obvious to one of skill in the art at the time the invention was made. Reconsideration is respectfully requested.

Chen (USP 5,832,208)

Chen describes an attempt to address the issue of scanning e-mail attachments that are being transferred internally within a LAN. See Col. 4, lines 21-26. Chen describes removing an attachment from an e-mail message and scanning it for viruses internally within a LAN. See Fig. 3. Chen detaches an attachment to an E-mail message (step 205), sends the attachment to an antivirus application to discover viruses (step 210) and re-attaches the attachment to the E-mail message if no viruses are present (step 220), and if viruses are present, delete the attachment (step 255) or cure the attachment (270). See Fig. 3. Therefore Chen is directed toward non-analogous art.

Further, Chen does not disclose or render obvious the method of scanning for viruses in an information object (or a digital item) stored or to be stored in an online library established on a server computer. At the time the instant invention was made a person of skill in the art would not have combined Chen with one or more of the other references.

Devarajan (USP 7,167,904)

Devarajan is directed toward a “domain name registration or reservation” system. Thus Devarajan is directed to non-analogous art. Devarajan does not disclose the usage of a password to provide access to an online library (of digital items or information objects) established on a server computer or to use the password as a method to identify a second user who requests the server computer to permit modification of a digital item stored in a library on the server computer. Therefore one cannot make a showing that a person of skill in the art would have

been able to combine Devarajan with one or more of the other cited references at the time of the invention to arrive at Claims 1, 9, 14 or 15. Examiner is respectfully requested to reconsider.

Lim (USP 7,155,737)

The Office Action suggests that Lim disclosed the following step of Claim 9:

determining the second computer's formatting requirements via a handshaking protocol

Applicants respectfully object to this suggestion. Lim is directed toward a problem of "prevent[ing] [an] access control system from calling external call routines that have been altered maliciously or otherwise." See Background. This is not analogous art, nor is this of sufficient indication that a person of ordinary skill in the art facing the issues of the instantly examined claims would have considered Lim. Importantly, Lim does not discuss handshaking protocol as described in the instant application. Lim discloses returning an error message to a browser when a "login failure event" occurs, which is not the same as using a "handshaking" protocol to determine the formatting requirements of the second computer. See Specification at page 8, lines 1-30 (also, page 37), describing formatting. Reconsideration is respectfully requested.

Claim 23 is believed to be patentable in view that the independent claim from which it depends is believed to be patentable. See *In re Fine*, 837 F.2d 1071, 1076 (Fed. Cir. 1988).

Conclusion

The arguments and clarifying amendments are believed to overcome the cited references. A fee computation sheet is attached. The required RCE fees are paid via credit card. Further examination is respectfully solicited.

Respectfully Submitted,

/Naren Chaganti/ (Reg. No. 44,602)

Naren Chaganti

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(650) 248-7011 phone

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One of the Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT:
FILED: MAY 5, 2010	EXAMINER:
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

FEE COMPUTATION SHEET

Code	37 CFR §	Description	Amount
1801/2801	1.17(e)	Request for continued examination (RCE)	\$405.00
1202/2202	1.16(i)	Claims in excess of 20 (21-20) = 0*26	\$26.00
1201/2201	1.16(h)	Independent claims in excess of three (3-3)*110	\$0.00
		Total	\$431.00

A payment in the amount of \$431 is made via credit card.

Respectfully Submitted,

Date: June 7, 2011

/Naren Chaganti/ (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone
Naren@Chaganti.com E-mail

One of the Applicants

Electronic Patent Application Fee Transmittal

Application Number:	12799945			
Filing Date:	05-May-2010			
Title of Invention:	Online personal library			
First Named Inventor/Applicant Name:	Naren Chaganti			
Filer:	Naren Chaganti			
Attorney Docket Number:	PSCO-008			
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:				
Claims in excess of 20	2202	1	26	26
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	405	405
Total in USD (\$)				431

Electronic Acknowledgement Receipt

EFS ID:	10249716
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	07-JUN-2011
Filing Date:	05-MAY-2010
Time Stamp:	14:39:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$431
RAM confirmation Number	943
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		psco-008_resp_to_oa_4-12-2011.pdf	119622 84c4fde43b73f82a18758552876235e13e5bc956	yes	22
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Request for Continued Examination (RCE)	1	1	
		Amendment Submitted/Entered with Filing of CPA/RCE	2	22	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	31346 5e7b8e4f332e8dff65053be386aaf1e70590b592	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			150968		
<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 12/799,945		Filing Date 05/05/2010		<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 (\$)		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), (i), 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 \$ =		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	06/07/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 21	Minus	** 20	= 1	X \$26 =	26	OR	X \$ =	
	Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 0	X \$110 =	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	26	OR	TOTAL ADD'L FEE	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =	
	<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:
/DORIS KING/

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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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner Benjamin E. Lanier.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN LANIER	Art Unit 2432	

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

- (1) BENJAMIN LANIER. (3) _____.
(2) Naren Chaganti. (4) _____.

Date of Interview: 11 May 2011.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: Meyer.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Proposed claim amendments were discussed (see attachment pages 4-5). Examiner suggested further amending the claim to remove the requirement that the first information object is received from a second server. Examiner stated that these amendments would provide the claim with the earliest effective filing date and would remove Meyer as eligible prior art. Examiner further explained that further search and consideration would be required.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

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. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

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.



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes sub-tables for EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, and DELIVERY MODE.

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):

naren@chaganti.com
naren.chaganti@gmail.com

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed 28 March 2011 amends claims 1-5, 8-15. Claims 6-7 are cancelled. Claims 21-22 are added. Applicant's amendment has been fully considered and entered.

Response to Arguments

2. Applicant argues, "The office action suggests that the parent application was directed toward 'information' whereas the instant application is directed toward 'content'." This argument is not persuasive because the disclosure of the '796 application does not provide adequate support for the claimed allocating a first storage area coupled to the server computer, the storage area being configured to hold one or more information objects for a plurality of users, said one or more information objects including a web page, a link to a web page, a bookmark, a document, an e-book, a piece of music, a piece of audio, a video clip, or a movie. The disclosure of the '796 application is directed towards the storage of personal information (See Table 1), while the presents claims are directed towards the storage of multimedia content belonging to individual users.

3. Applicant attempts to cite support for the claimed multimedia content in the '796 application. However, none of the provided citations provide adequate support in the manner provided by the first paragraph of 35 U.S.C. 112.

4. Applicant argues, "copyright is an attribute of works of authorship, namely, 'content.'" In response, the disclosure of the '796 application fails to provide adequate support in the manner provided by the first paragraph of 35 U.S.C. 112.

5. Applicant argues, "Inherent disclosure is permitted under M.P.E.P. 2163.07(a)... Giving an example of a thing does not operate as a restriction of the type of things and does not introduce a non-existent distinction between 'information' and 'content.'" This argument is not persuasive because to establish inherency, the extrinsic evidence must make clear that the missing descriptive matter is necessarily present in the thing described in the reference, and that it would be so recognized by persons of ordinary skill. Inherency, however, may not be established by probabilities or possibilities. The mere fact that a certain thing may result from a given set of circumstances is not sufficient (MPEP 2112). Therefore, the claimed multimedia content is not necessarily present in the personal information described in the '796 application.

6. Applicant argues, "Hanson individually or in combination with other reference of record would not have enabled a person of skill in the art to make the invention as claimed at the time the invention was made." This argument is not persuasive because Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57). It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in Fu/DiStefano to be uploaded from another server by referencing a URL because Hanson discloses that uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

7. Applicant argues, "Barberis was filed on July 30, 2002 and thus cannot be a reference for claims based on an application filed on August 2, 2000 with priority (for some aspects) going to January 7, 2000." This argument is not persuasive because claims 15-20 are not entitled to the

benefit of the prior applications (09/478,796 & 09/634,725). See paragraphs 1-6 from the Office Action mailed 08 December 2010.

8. Applicant's argument regarding amended claims 1-5, 8-13 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Meyer, U.S. Publication No. 2001/0031066 (cited in the IDS 2/24/2011).

Claim Rejections - 35 USC § 102

9. 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 –

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

10. Claims 1-5, 9-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Meyer, U.S. Publication No. 2001/0031066. Referring to claim 1, Meyer discloses a server that stores an online content library linked to particular user identity, where each library includes content title information ([0093]-[0095]), which meets the limitation of allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more digital items for a plurality of users. The content can be audio, video or images ([0012]), which meets the limitation of the limitation of said one or more digital items including an image, a piece of music, a piece of audio, a video clip, or a movie. The content can be transferred to the user's online library database from a master database ([0095]), where the database systems can be implemented by servers ([0093]), which meets the limitation of receiving a digital item from a

second server computer, including the digital item in the online library. The content and user library are identified by identifiers ([0093]-[0094]), which meets the limitation of the second server computer is provided an identification of the digital item and an identification of the online library.

Referring to claim 2, Meyer discloses that the user can be authenticated to access content in the online library using authentication information such as a user name, password, and device ID ([0094]), which meets the limitation of receiving a request from a second party to access the digital item, authenticating the second party based on the second party's password, identity of a device used by the second party, making the digital item accessible to the second party.

Referring to claim 3, Meyer discloses that in order to access the content from the online library the content delivery system checks to make sure that the requesting user has the appropriate usage rights ([0099]), which meets the limitation of permitting restrictive access to the digital item by a second party based on whether the second party is authorized to view, modify, edit, add to, or delete a particular portion of the digital item to which access is sought.

Referring to claim 4, Meyer discloses that the network transmissions can be performed using HTTP ([0027]), which meets the limitation of receiving the digital item for storage in the first storage area via HTTP.

Referring to claim 5, Meyer discloses that the content can be uploaded to the online library from the user computer ([0093]), which meets the limitation of authorizing a second party to transmit the digital item to the online library, directing the second party to transmit the digital item to the online library.

Referring to claims 9-13, Meyer discloses a server that stores an online content library linked to particular user identity, where each library includes content title information ([0093]-[0095]), which meets the limitation of storing the digital item in a server computer system connected to the Internet. The content can be audio, video or images ([0012]), which meets the limitation of the limitation of said digital item including an image, a piece of music, a piece of audio, a video clip, or a movie. In order to access the content from the online library the content delivery system checks to make sure that the requesting user has the appropriate usage rights ([0099]), which meets the limitation of associating with the digital item at least one of a plurality of security levels, receiving from a second party, a request to access the digital item, determining whether the second party is authorized to access the digital item based on the at least one of a plurality of security levels associated with the digital item, if the second party is authorized to access the digital item, making the digital item accessible to the second party, rejecting the second party's request for the digital item if the second party is not authorized to receive. In the context of a network configuration, various protocols may be used to return data to the communication/player application or to the user device such as TCP/IP, HTTP, WAP, and Bluetooth ([0027]), which meets the limitation of determining the second computer's formatting requirements via a handshaking protocol, formatting a response according to a format acceptable to the second computer, transmitting the formatted response, configuring the response message in a manner suitable for delivery to the second party's device, selecting a suitable format from a selection of available formats, using stored rules to format a response, translating the response.

Referring to claim 14, Meyer discloses a server that stores an online content library linked to particular user identity, where each library includes content title information ([0093]-

[0095]), which meets the limitation of a processor, an input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instructions executable by the processor, wherein the program of instructions is configured to direct the processor. The content can be transferred to the user's online library database from a master database ([0095]), where the database systems can be implemented by servers ([0093]), which meets the limitation of receive an input signal from the input device, and responsive to the input signal received, to issue a signal to a second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online established on the first server computer.

Claim Rejections - 35 USC § 103

11. 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.

12. 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.

13. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Meyer, U.S.

Publication No. 2001/0031066, in view of Chen, U.S. Patent No. 5,832,208. Referring to claim

8, Meyer does not disclose scanning the received content for viruses. Chen discloses scanning for viruses when content is uploaded (Col. 4, lines 13-19), which meets the limitation of scanning the digital item for viruses. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the online library of Meyer to scan the uploaded content for viruses in order to protect the server from virus infection as taught by Chen (Col. 1, lines 49-56).

14. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Fu, U.S. Patent No. 6,882,793, in view of Hanson, U.S. Patent No. 6,507,865. Referring to claim 14, Fu discloses a video processing system that includes a server (Figure 1, 70) for storing digital content uploaded by users using a client computer (Col. 11, lines 22-30), which meets the limitation of a processor, an input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instructions executable by the processor, wherein the program of instructions is configured to direct the processor to receive an input signal from the input device, and responsive to the input signal received. Fu does not disclose that the content can be uploaded from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets the limitation of receive an input signal from the input device, and responsive to the input signal received, to access a document on a second server computer, and to issue a signal to the second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in Fu to be uploaded from another server by referencing a URL because Hanson discloses that

uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

15. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over DiStefano, U.S. Patent No. 7,353,199, in view of Hanson, U.S. Patent No. 6,507,865. Referring to claim 14, DiStefano discloses registered users are permitted to upload web assets to a central server using a web browser if they are identified as a registered user (Figure 1, 4 & Col. 4, line 53 – Col. 5, lines 20), which meets the limitation of a processor, a input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instruction executable by the processor, Wherein the program of instructions is configured to direct the processor to receive an input from the input device. DiStefano does not disclose that the web assets are uploaded from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets the limitation of receive an input signal from the input device, and responsive to the input signal received, to access a document on a second server computer, and to issue a signal to the second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in DiStefano to be uploaded from another server by referencing a URL because Hanson discloses that uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

16. Claims 15-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barberis, U.S. Publication No. 2004/0021686, in view of DiStefano, U.S. Patent No. 7,353,199. Referring to claims 15, 20-22, Barberis discloses a collaborative interaction system for documents wherein registered users can login (Figure 1A & [0042]), which meets the limitation of establishing, on a server computer coupled to the Internet, an account for each of a plurality of users. Documents are uploaded to the collaborative system such that the documents can be accessed by other users ([0041]), which meets the limitation of creating, by a first user, a document for modification by each of the plurality of users, Storing the document on the server computer. Barberis does not specify that access to the documents in the collaborative system is based on granted access rights. DiStefano discloses providing access to web assets based upon access rights (Col. 4, lines 61-64), which meets the limitation of granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users whose identities are known to the server computer, modify the document based on a set of access rights granted to the second user. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the documents of Barberis to be accessible in the collaborative system through access rights in order to provide varying levels of access based upon the designated user as taught by DiStefano (Col. 4, lines 57-64). Users wishing to access the collaborative system provide their login information and is provided a personal homepage upon verification of the login information ([0042]-[0044]), which meets the limitation of receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information, verifying the identity of the second user by way of a password received from the second user, permitting the second

user to modify the document, storing the identity of the second user. All modifications made to the documents are stored along with user information ([0003]), which meets the limitation of applying modification made by the second user to the document, and storing the document, the modifications made by the second user, and the identity of the second user, the modification to the document includes adding new material to the document, making notes within the document, applying the modification made by the second user to the document, storing the modified document.

Referring to claim 16, Barberis discloses that users wishing to access the collaborative system provide their login information and is provided a personal homepage upon verification of the login information ([0042]-[0044]), which meets the limitation of receiving a user-identification from the second user, receiving a password from the second user. First time users need to register in order to access the system ([0042]-[0043]), which meets the limitation of if the second user does not have an account with the server computer, then establishing an account for the second user on the server computer, verifying the user's account information, and permitting the second user to access the document for modification.

Referring to claim 17, Barberis discloses that all modifications made to the documents are stored along with user information ([0003]), which meets the limitation of creating an audit trail of the document access.

Referring to claim 18, Barberis discloses that the email notifications are sent out when changes are made to documents in the collaboration system ([0087]), which meets the limitation of if the document is modified, notifying one or more numbers of a group of users that the document was modified.

Referring to claim 19, Barberis discloses that changes must be approved before the change will be completed ([0058]), which meets the limitation of after a document is modified, receiving approval for the modification from one or more of a group of users, and storing the identifying information of each one of the one or more of a group of users who approved the modifications to the document.

Conclusion

17. Applicant's submission of an information disclosure statement under 37 CFR 1.97(c) with the fee set forth in 37 CFR 1.17(p) on 24 February 2011 prompted the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 609.04(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


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

18. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **BENJAMIN E. LANIER** whose telephone number is (571)272-3805. The examiner can normally be reached on M-Th 7:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

Search Notes 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Updated Search of 713/182-186; 726-2-9, 26-33	4/5/2011	BL

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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Receipt date: 02/24/2011

12799945- GAU: 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		APPLICATION NO.		
				PSCO-008		12/799,945		
				FIRST NAMED APPLICANT				
				NAREN CHAGANTI				
FILING DATE				GROUP				
May 5, 2010				2132				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	6,453,305 B1	Sep-02	Glassman	705	59		
	BB	2001/0031066	Oct-01	Meyer	382	100		
	CC	5,204,897 A	Apr-93	Wyman	710	200		
	DD	5,765,152 A	Jun-98	Erikson	1	1		
	EE	5,931,901 A	Aug-99	Wolfe	709	206		
	FF	6,361,012 B1	Apr-02	Atkinson	713	176		
	GG	6,505,160 B1	Jan-03	Levy	704	270		
	HH							
	II							
	JJ							
	KK							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							
OTHER REFERENCES <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	MM							
	NN							
EXAMINER /Benjamin Lanier/				DATE CONSIDERED 04/05/2011				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								


ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/

Receipt date: 12/05/2010

12799945- GAU: 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>					ATTY. DOCKET NO. PSCO-008		APPLICATION NO. 12/799,945	
					FIRST NAMED APPLICANT NAREN CHAGANTI			
					FILING DATE May 5, 2010			GROUP 2132
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	5,355,474	12/2/1997	Thuraisingham	395	600	2/28/1992	
	BB							
	CC							
	DD							
	EE							
	FF							
	GG							
	HH							
	II							
	JJ							
	KK							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	MM							
	NN							
EXAMINER /Benjamin Lanier/					DATE CONSIDERED 04/05/2011			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/

<i>Index of Claims</i> 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

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

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

CLAIM		DATE							
Final	Original	11/26/2010	04/05/2011						
	1	✓	✓						
	2	✓	✓						
	3	✓	✓						
	4	✓	✓						
	5	✓	✓						
	6	✓	-						
	7	✓	-						
	8	✓	✓						
	9	✓	✓						
	10	✓	✓						
	11	✓	✓						
	12	✓	✓						
	13	✓	✓						
	14	✓	✓						
	15	✓	✓						
	16	✓	✓						
	17	✓	✓						
	18	✓	✓						
	19	✓	✓						
	20	✓	✓						
	21		✓						
	22		✓						

Receipt date: 12/12/2010

12799945- GAU: 2432

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>					ATTY. DOCKET NO. PSCO-008		APPLICATION NO. 12/799,945	
					FIRST NAMED APPLICANT NAREN CHAGANTI			
					FILING DATE May 5, 2010		GROUP 2132	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	6,076,109	6/13/2000	Kikinis	709	228	1/30/1997	
	BB							
	CC							
	DD							
	EE							
	FF							
	GG							
	HH							
	II							
	JJ							
	KK							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	MM							
	NN							
EXAMINER /Benjamin Lanier/					DATE CONSIDERED 04/05/2011			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BL/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT:
FILED: MAY 5, 2010	EXAMINER:
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

DATED MARCH 25, 2011

ASSISTANT COMMISSIONER FOR PATENTS

M.S. Missing Parts

P.O. Box 1450

Alexandria, VA 22313-1450

Sir,

This is a response to the Notice of Non-Compliant Amendment dated March 25, 2011.

In this paper, "Claim Amendments" start at page 2, and "Remarks" section starts at page 9.

Claim Amendments

1. (presently amended) A method of creating an online library on a first server computer coupled to the Internet, the method comprising the ~~steps of~~ following steps performed by the first server computer:

allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more ~~information objects~~ digital items for a plurality of users, said one or more ~~information objects~~ digital items including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

~~transmitting~~ receiving an information objects a digital item from a second server computer ~~to the first server computer;~~ and

~~storing~~ including the ~~information object~~ digital item in the online library; ~~and~~
~~permitting access of the information object by a requester operating a client computer,~~
wherein the second server computer is provided an identification of the digital item and an identification of the online library.

2. (presently amended) The method of claim 1 further comprising the steps of:
receiving a request from a second party to access the digital item;
authenticating the ~~requester~~ second party based on (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the ~~requester~~ second party, (d) the ~~requester~~ second party's password, (e) a security level of ~~a requester~~ the second party, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that ~~a requester~~ the second party provides, (i) type of device used by ~~a requester~~ the second party, (j)

identity of a device used by ~~a requester~~ the second party, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired; and

making the digital item accessible to the second party.

3. (presently amended) The method of claim 1 further comprising the step of:
permitting restrictive access to the ~~information object~~ digital item by ~~the requester a~~ second party based on whether the ~~requester~~ second party is authorized to view, modify, edit, add to, or delete a particular portion of the ~~information object~~ digital item to which access is sought provided.

4. (presently amended) The method of claim 1 wherein the ~~transmitting~~ receiving step comprises the step of:

~~transmitting~~ receiving the ~~information object to~~ digital item for storage in the first storage area ~~by using~~ via any one or a combination of the methods of (1) E-mail, (2) remote copy program (rcp), (3) hyper text transfer protocol (HTTP), (4) file transfer protocol (ftp), (5) Unix-to-Unix-Copy program (UUCP), (6) cutting-and-pasting, (7) copying-and-pasting, and (8) dragging-and-dropping.

5. (presently amended) The method of claim 1 wherein the ~~transmitting~~ receiving step comprises the step of:

~~providing the identification information for the online library to a second party operating the second server computer;~~

authorizing ~~the~~ a second party to transmit the ~~information object~~ digital item to the online library; and

directing the second party to transmit the ~~information object~~ digital item to the online library.

~~6. (canceled) The method of claim 1 wherein the transmitting step comprises the step of: initiating the transmittal of the information object upon clicking on an area in a web page.~~

~~7. (canceled) The method of claim 1 wherein the transmitting step comprises the step of: initiating the transmittal of the information object upon selecting an area on a web browser.~~

8. (presently amended) The method of claim 1 further comprising the step of: scanning the ~~information object~~ digital item for viruses; and if the ~~information object~~ digital item contained a virus, then (a) discarding the ~~information object~~ digital item or (b) removing the virus from the ~~information object~~ digital item prior to storing the object in the library.

9. (presently amended) A method of ~~securely distributing a first party's personal information~~ sharing a digital item with a plurality of users, the method comprising the following steps performed by a server computer:

storing the ~~first party's personal information on~~ digital item in a server computer system connected to the Internet, said ~~first party's personal information comprising at least one of a plurality of information objects~~, said ~~at least one of a plurality of information objects~~ digital item including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

associating with ~~each information object~~ the digital item at least one of a plurality of security clearance levels, said security clearance level being assignable to each information object at any granularity, thereby enabling access to selected portions of the stored first party's

~~personal information;~~

~~receiving from a second party requester executing on a second computer, a request to access the digital item first party's personal information, said request accompanying an authorization key to access the first party's personal information;~~

~~selecting a first portion of the first party's personal information authorized to be transmitted to the requester, said selection being made in accordance with one or more selection criteria established by the first party;~~

~~determining whether the second party is authorized to access the digital item based on the at least one of a plurality of security levels associated with the digital item;~~

~~if the second party is authorized to access the digital item, making the digital item accessible to the second party;~~

~~determining the second computer's formatting requirements via a handshaking protocol;
formatting a response according to a format acceptable to the second computer; ~~and~~
transmitting the formatted response; and
rejecting the second party's request for the digital item if the second party is not authorized to receive.~~

10. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

~~configuring the response message in a manner suitable for delivery to the ~~requester~~ second party's device.~~

11. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

~~selecting a suitable format from a selection of available formats.~~

12. (presently amended) The method as in claim 9, wherein the step of formatting a response comprises the step of:

using stored rules to format a response ~~message~~.

13. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

encrypting or translating the response.

14. (presently amended) An apparatus comprising:

a processor;

an input device coupled to the processor;

a memory coupled to the processor;

said memory being adapted to receive and store therein program of instructions executable by the processor;

wherein the program of instructions is configured to direct the processor

to receive an input signal from the input device, and responsive to the input signal received, ~~to access a document on a second server computer, and~~ to issue a signal to ~~the~~ a second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer.

15. (presently amended) A method for online document collaboration, the method comprising the steps of:

establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;

creating, by a first user, a document for modification by each of the plurality of users;

storing the document on the server computer;

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;

verifying the identity of the second user by way of a password received from the second user; and

permitting the second user to modify the document based on a set of access rights granted to the second user[[:]]

~~applying modification made by the second user to the document; and~~

~~storing the document, the modifications made by the second user, and the identity of the second user.~~

16. (previously presented) The method of claim 15, wherein the step of verifying the registration of the second user further comprises the steps of:

receiving a user-identification from the second user;

receiving a password from the second user;

if the second user does not have an account with the server computer, then establishing an account for the second user on the server computer;

verifying the second user's account information; and

permitting the second user to access the document for modification.

17. (previously presented) The method of claim 16 further comprising the step of:

creating an audit trail of the document access.

18. (previously presented) The method of claim 15 further comprising the step of:
if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

19. (previously presented) The method of claim 15 further comprising the steps of:
after a document is modified, receiving approval for the modifications from one or more of a group of users; and
storing identifying information of each one of the one or more of a group of users who approved the modifications to the document.

20. (previously presented) The method of claim 15, where the modification to the document includes adding new material to the document, deleting material from the document, making notes within the document, underlining material in the document, adding a digital signature to the document or highlighting material in the document.

21. (New) The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document; and
storing the modified document.

22. (New) The method of claim 15, further comprising the step of:
storing the modifications made by the second user to the document.

REMARKS

This is a response to the Notice of Non-Compliant Amendment dated March 25, 2011. The Notice objected to the sparseness of the remarks section under 37 C.F.R. § 1.111. This paper addresses each of the reasons for rejection.

Interview with Examiner

Applicants thank Examiner Lanier for the courtesies shown during interviews on December 16, 2010, January 11, 2011, and January 25, 2011. No agreement was reached.

Currently pending claims

Examiner is respectfully requested to replace the claims presented in this paper in lieu of claims presented with the response filed on March 8, 2011. The status identifiers remained the same as before in light of the fact that this response supplants the response filed on March 8, 2011, for the office action of December 8, 2010.

Claim Amendments

Claim 1 is amended as follows:

- a. The preamble is amended to recite that the steps are performed by the server computer.
- b. The term “information object” is changed to “digital item”.
- c. The verb “transmitting” is changed to “receiving” to recite the claim from the server computer point of view.
- d. The term “storing” is changed to “including”.
- e. A transactional step of “wherein the second server computer is provided an identification of the digital item and an identification of the online library” is added.

This step is altered and moved from claim 5 to claim 1. No new matter is added as a result. Support for the changes is in the Specification. Examiner is respectfully requested to review and enter the amendment.

Claims 2 & 3 are modified to change the term “requester” to “second party”.

Claim 9 is modified, among other corrections, to delete the step

~~“selecting a first portion of the first party’s personal information authorized to be transmitted to the requester, said selection being made in accordance with one or more selection criteria established by the first party;”~~

and to add the steps

determining whether the second party is authorized to access the digital item based on the at least one of a plurality of security levels associated with the digital item; if the second party is authorized to access the digital item, making the digital item accessible to the second party; * * *
and
rejecting the second party’s request for the digital item if the second party is not authorized to receive.

This change does not add new matter. Support for the change is in the Specification.

Examiner is respectfully requested to review and enter the amendment.

Claim 12 is amended by striking the word “message.” This does not add any new matter.

Claim 14¹ is modified to delete the phrase “to access a document on a second server computer;”. This is believed to clarify the features of the claim and further it is believed that the change does not add any new matter.

¹ Note that Claim 14 is further amended in this paper to delete a superfluous “and” and to substitute indefinite article --a-- for the definite article “the” to provide antecedent basis for the term “second server computer”. These informalities were not discovered until this response to Notice of Non-Compliant Amendment is prepared. Examiner is respectfully requested to review and enter the amendments as they do not add any new matter and were made to clarify the features of the claims.

Claim 15 is amended by deleting the final two steps. This is done to clarify the features of the claim. This modification does not add new matter. Examiner is requested to review and enter the amendment.

Canceled Claims

Claims 6 & 7 are canceled.

New Claims

Claims 21 & 22² are new. These are added to recite that the modifications to the digital item are stored separately from the modified document. The steps are altered from the deleted portion of Claim 15. No new matter is added as a result of this change. Examiner is respectfully requested to review and enter the amendment.

Claim for priority to parent application

The office action suggests that the parent application was directed toward “information” whereas the instant application is directed toward “content”. As best as Applicants can understand this objection, Examiner appears to distinguish between “information” for which the Examiner refers to Table 1 of the disclosure (name, social security number, date of birth etc) from “content”, which is “a web page, a movie, a piece of music” etc. But this is a false distinction for which no support is in the specification. The parent application did not exclude “content” from “information.”

² Applicants take this opportunity to delete the following two steps from claim 22 as presented in the response to the office action dated March 8, 2011:

~~applying modification made by the second user to the document;
storing the document; and~~

And consequently, Applicants also replace the plural “steps” with the singular --step--. The status identifier for this claim remains “New” in light of the fact that this paper (with the claims herein) is to be the response for the December 8, 2010 Office Action. Examiner is respectfully requested to review and enter the amendments as they do not add any new matter and were made to clarify the features of the claims.

The following page and line references to the parent application, S. No. 09/478,796, show that the terms “information” and “content” were consistent. For example,

1. S. No. 09/478,796, at page 10, lines 24-25, states: "It should be noted that the type of information that can be stored in these tables can be unlimited."

2. S. No. 09/478,796, at page 8, lines 5-9, states:

In this application, any piece of information, however small in granularity or however agglomerated, is referred to as an "information object." Information objects can be implemented in an object-oriented manner, for example, each tuple or a field could be implemented as an object, a data structure or in any other manner known to persons skilled in the art.

3. S. No. 09/478,796, at page 20, lines 15-16 states: "information comprises voice, video, data, and/or text or any combinations thereof." No rule permits disregarding this clear statement in the disclosure.

4. S. No. 09/478,796, at page 9, lines 1-2, states: "information" is stored in "* * * multimedia methods of storage for other types of data"

5. S. No. 09/478,796, at page 18, lines 10-19 states:

In another embodiment, the user 103 requests the PIRSP to disburse information to the requester 103 using an electronic means (step 224). In this case, the user is authenticated and the information objects are downloaded or transmitted to the requester 105, preferably via secure E-mail, file transfer protocol, after establishing a circuit-switched connection, facsimile, U.S. mail or any other method.

Preferably, the requester 105 is forbidden from reselling or retransmitting the information, or using it beyond an expiration date set either by the user 103 or by the PIRSP. Preferably, to ensure this, information objects are copyrighted or otherwise contractually protected. Further, this could be a selling point to users, since the PIRSP not only guarantees the safety of the stored information, but in addition controls how this information is used.

(Underlining added). Examiner is requested to note that “a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie” (from claim 1) are examples of various types of “information”, i.e., “voice,

video, data and/or text or any combinations thereof.” Further, Examiner is requested to note that “file transfer protocol” is generally used to transfer a “file,” which is understood as “content,” and “multimedia methods of storage” are used for what is understood as “content.”

Finally, copyright is an attribute of works of authorship, namely, “content.” See 17 U.S.C. § 102³ (describing subject matter for copyright). A copyright gives the owner of copyright the right to control the use of the thing copyrighted. Copyrightable subject matter does not include name or date of birth or social security number, (which are in Table 1) but includes a picture, a photograph or a poem, a song, a book, a movie, a speech, or a news article. By disclosing that information objects are “copyrighted or otherwise contractually protected,” therefore, Applicants inherently disclosed works of authorship as subject matter covered by the term “information object.” Note that for non-copyrightable subject matter covered by the term “information object,” Applicants suggested that a “contract” may be a way to protect information objects from unauthorized reuse, retransmittal or other control over the use of the information objects. See *Martin v. Johnson*, 454 F.2d 746, 751-52, 172 U.S.P.Q. 391, 395 (C.C.P.A. 1972)(“the description need not be in *ipsis verbis* to be sufficient * * * a skimpy disclosure can be augmented by showing the skill of the art to have been adequate to fill whatever voids there may be in the written specification.”)

³ 17 U.S.C. § 102(a) provides:

Copyright protection subsists, in accordance with this title, in original works of authorship fixed in any tangible medium of expression, now known or later developed, from which they can be perceived, reproduced, or otherwise communicated, either directly or with the aid of a machine or device. Works of authorship include the following categories: (1) literary works; (2) musical works, including any accompanying words; (3) dramatic works, including any accompanying music; (4) pantomimes and choreographic works; (5) pictorial, graphic, and sculptural works; (6) motion pictures and other audiovisual works; (7) sound recordings; and (8) architectural works. (Emphasis added)

Inherent disclosure is permitted under M.P.E.P. 2163.07(a). See also, *In re Smythe*, 480 F.2d 1376, 1384, 178 U.S.P.Q. 279, 285 (C.C.P.A. 1973) (disclosure by inherency); *In re Anderson*, 471 F.2d 1237, 1241 (C.C.P.A. 1973) (patent office may not restrict an invention to disclosed embodiments); *In re Eickmeyer*, 602 F.2d 974, 202 U.S.P.Q. 655 (C.C.P.A. 1979)(sufficiency of written description). See *Johnson Worldwide Assoc., Inc. v. Zebco Corp.*, 175 F.3d 985, 50 U.S.P.Q.2d 1607 (Fed.Cir.1999) ("the patent disclosure provides ample support for the breadth of the term 'heading'; it does not 'unambiguously limit[]' the meaning of 'heading' to the direction of the motor.") Giving an example of a thing does not operate as a restriction of the type of things and does not introduce a non-existent distinction between "information" and "content." See *In re Dinh-Nguyen*, 492 F.2d 856, 859 (C.C.P.A. 1973). Discussing a related topic of disclosure by reference, the M.P.E.P. states:

Instead of repeating some information contained in another document, an application may attempt to incorporate the content of another document or part thereof by reference to the document in the text of the specification. The information incorporated is as much a part of the application as filed as if the text was repeated in the application, and should be treated as part of the text of the application as filed.

M.P.E.P. § 2163.07(b) (emphasis added). Even this suggests that the terms "information" and "content" are not to be understood in contradistinction to each other. Importantly, intrinsic evidence shows that Applicants did not distinguish or disclaim or otherwise differentiate "content" from "information," and therefore it is not correct to create a false distinction or false dichotomy between "information" and "content." The C-i-P application gave examples of "digital item" as "a news article, word processor document, spread sheet, presentation, e-book, software programs, music, video, movie, a graphical image such as a photograph, a three dimensional image, or a similar thing." See S. No. 09/634,725 at page 3, lines 4-8. Thus, the term "digital item" is consistent with the term "information object".

Substituting “digital item” for “information object,” therefore, does not impact the claim for priority to the parent application for “content.” Examiner is respectfully requested to reconsider this point.

Rejections under 35 U.S.C. § 103(a) in combination of Fu, Hanson, Distefano et al.

The office action rejected the claims as presented based on a combination of references under 35 U.S.C. § 103(a) over patents to Fu (USP 6,882,793), Hanson (USP 6,507,865), Distefano (USP 7,353,199), Chen (USP 5,832,208), and Devarajan (USP 7,167,904). For the reasons specified below these references either individually or in combination with each other or with other art of record do not render the claimed invention as a whole obvious to one skilled in the art at the time the invention was made. Specifically, as shown below, the cited references individually or in combination with other art of record do not motivate, suggest, or otherwise inform or enable a person of skill in the art to combine the references in the manner suggested by the Examiner to come up with the claimed invention at the time the invention was made. The following claim elements or steps are not present in or suggested by any of the cited references:

As to claim 1:

wherein the second server computer is provided an identification of the digital item and an identification of the online library

As to claim 9:

determining whether the second party is authorized to access the digital item based on the at least one of a plurality of security levels associated with the digital item;

if the second party is authorized to access the digital item, making the digital item accessible to the second party;

determining the second computer’s formatting requirements via a handshaking protocol;

formatting a response according to a format acceptable to the second computer;

~~and~~

transmitting the formatted response; and

rejecting the second party's request for the digital item if the second party is not authorized to receive.

As to claim 14:

to receive an input signal from the input device, and responsive to the input signal received, ~~to access a document on a second server computer, and to issue a signal to the~~ a second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer.

As to claim 15:

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;
receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;
verifying the identity of the second user by way of a password received from the second user; and
permitting the second user to modify the document based on a set of access rights granted to the second user.

Reconsideration is respectfully requested.

Fu (USP 6,882,793)

Fu is filed on June 16, 2000, which is after the parent application S. No. 09/478,796 was filed (January 7, 2000) and thus Applicants have priority for all material disclosed in the parent application, including storing information objects in an online repository. S. No. 09/478,796 at page 8, lines 5-8. The parent application states: "information comprises voice, video, data and/or text or any combinations thereof." See S. No. 09/478,796 at page 20, lines 15-16.

Fu describes a method and apparatus for producing video content. See Abstract. See also, Col. 16, lines 44-64. Thus Fu is directed toward a non-analogous art. Further, as to claim 1, Fu is distinguishable because Fu does not describe an online library system that permits a plurality of users to store information objects or digital items. Fu does not specify that the digital

item may be received from another server computer. See Col. 5, lines 18-23. Accordingly it is submitted that Fu would not have rendered obvious the instant claims to a person of ordinary skill in the art. Reconsideration is respectfully requested.

Hanson (USP 6,507,865)

Hanson describes something called a “zaplet”, which is not readily understood by persons of ordinary skill in the art. Hanson describes using an “electronic form 100” to create the so-called “zaplet.” See Fig. 3 & text describing Fig. 3; see also, Fig. 6.

Examiner appears to rely on Hanson for the statement that “an initiating participant may add the binary content to the zaplet by * * * by referencing other content on the Internet using, for example, a Universal Resource Locator (“URL”) * * *.” Col. 14, lines 43-57.

Hanson does not enable “add[ing] binary content to the zaplet”. In addition, Hanson requires a “zaplet” to be formed using “electronic form 100” before such content could be added to the “zaplet.” This art is not analogous to the instant independent claims 1, 9, 14 and 15. Hanson individually or in combination with other references of record would not have enabled a person of skill in the art to make the invention as claimed at the time the invention was made. Examiner is respectfully requested to reconsider this rejection.

DiStefano (USP 7,353,199)

DiStefano discloses a method of “permitting restricted access to [a] third party; and, eliminating all access restrictions imposed in the permitting step when the third party registers with the system.” See Abstract. DiStefano appears to be an attempt to “enabl[e] an individual to conveniently design a Web page without requiring that individual to learn HTML or to interact extensively with a Web page designer * * *.” See Background (Col. 2, lines 47-50). DiStefano appears to describe a “method for limiting access to the resources of a system for creating and

posting an HTML document on the Web for the benefit of a registered user.” See Col. 3, lines 29-31. Therefore, DiStefano, individually or in combination of the other references of record would not have rendered the claimed invention obvious to one of skill in the art at the time the invention was made. Reconsideration is respectfully requested.

Chen (USP 5,832,208)

Chen at Col. 4, lines 21-26, sets forth the reason for improvement in the art:

As with the ScanMail application, the InterScan VirusWall program is only capable of scanning e-mail attachments that pass through the Internet gateway; it is incapable of scanning e-mail attachments that are being transferred internally within the LAN.

Thus, Chen attempted to address the issue of scanning e-mail attachments that are being transferred internally within a LAN. Thereafter, Chen describes removing an attachment from an e-mail message and scanning it for viruses internally within a LAN. See Fig. 3. Chen detaches an attachment to an E-mail message (step 205), sends the attachment to an antivirus application to discover viruses (step 210) and re-attaches the attachment to the E-mail message if no viruses are present (step 220), and if viruses are present, delete the attachment (step 255) or cure the attachment (270). See Fig. 3. Chen does not disclose or render obvious the method of scanning for viruses in an information object (or a digital item) stored or to be stored in an online library established on a server computer. At the time the instant invention was made a person of skill in the art would not have combined Chen with one or more of the other references.

Devarajan (USP 7,167,904)

Devarajan is directed toward a “domain name registration or reservation” system. Thus Devarajan is directed to non-analogous art. Devarajan does not disclose the usage of a password to provide access to an online library (of digital items or information objects) established on a server computer or to use the password as a method to identify a second user who requests the

server computer to permit modification of a digital item stored in a library on the server computer. Therefore one cannot make a showing that a person of skill in the art would have been able to combine Devarajan with one or more of the other cited references at the time of the invention to arrive at Claims 1, 9, 14 or 15. Examiner is respectfully requested to reconsider.

Barberis (Publication No. 2004/0021686)

Claims 15-20 are rejected over Barberis as primary reference. However, it appears that Barberis was filed on July 30, 2002 and thus cannot be a reference for claims based on an application filed on August 2, 2000 with priority (for some aspects) going to January 7, 2000. Reconsideration is respectfully requested.

Lim (USP 7,155,737)

The Office Action suggests that Lim disclosed the following step of Claim 9:

determining the second computer's formatting requirements via a handshaking protocol

Applicants respectfully object to this suggestion. Lim does not discuss handshaking protocol to determine the second computer's formatting requirements. Lim states:

Next, the access server securely invokes an extension for the login failure event as shown by state 511, if the login failure event is an extension event. If the name and password cannot be authenticated or the account is marked inactive, then as shown by state 512, Access Server 106 returns an error message to browser 100.

Returning an error message to a browser is not the same as using a "handshaking" protocol to determine the formatting requirements of the second computer. See Specification at page 8, lines 1-30 (also, page 37), describing formatting requirements of the second computer:

For example, the requester's device may be capable of handling only a text-based interface, only a certain types of images such as only MPEG images, has a limited storage capability, or a limited viewing area. The requester's device may have other limitations on resources such as size and type of memory device; attached or attachable storage devices; input/output capability such as pointing device; voice recognition; text-to-speech capability; video input/output capability;

numeric or alphanumeric keyboard; processing power; type of operating environment; whether or not a downloaded item can be locally executed; type of encryption/decryption; type of data communication or other protocol handled; file types; type and size of the viewing area or the like.

The Lim error message resulting from a “login failure event” does not return the type of information described in the instant specification as “formatting” information for the second computer. Reconsideration is respectfully requested.

Dependent Claims

Dependent claims are believed to be patentable because the independent claims are believed to be patentable. Examiner is respectfully requested to review.

Conclusion

The cited references do not render the instant claims obvious to one of ordinary skill in the art at the time the invention was made. No fee is believed to be due with this response.

Respectfully submitted,

Date: March 28, 2011

/Naren Chaganti/ (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone

One of the Applicants

Electronic Acknowledgement Receipt

EFS ID:	9748994
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	28-MAR-2011
Filing Date:	05-MAY-2010
Time Stamp:	12:27:00
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	Supplemental Response or Supplemental Amendment	psco-008-resp-to-oa-of-3-25-2011.pdf	111224 <small>43dc53452b3a5adc549d93520c9dcce3e7b76b60</small>	no	20

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.

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 12/799,945		Filing Date 05/05/2010		<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), (i), 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 \$ =		OR		X \$ =		
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		X \$ =		OR		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	03/28/2011	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	X \$26 =	0			X \$ =	
	Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 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	OR		TOTAL ADD'L FEE	
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 \$ =				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		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: /DIANE FLOYD/											

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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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Rows include application details for Naren Chaganti, examiner LANIER, BENJAMIN E, art unit 2432, and notification date 03/25/2011.

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):

naren@chaganti.com
naren.chaganti@gmail.com



UNITED STATES DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
12799945	5/5/10	CHAGANTI ET AL.	PSCO-008

NAREN CHAGANTI
 713 THE HAMPTONS LANE
 TOWN & COUNTRY, MO 63017

EXAMINER

BENJAMIN E. LANIER

ART UNIT	PAPER
2432	20110321

2432 20110321

DATE MAILED:

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

Commissioner for Patents

Since the above-mentioned reply appears to be bona fide, applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

/Benjamin E Lanier/
 Primary Examiner, Art Unit 2432

DETAILED ACTION

Response to Amendment

1. The reply filed on 08 March 2011 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): The reply does not address the reference applied against the claims, explaining how the claims avoid the references or distinguish from them. See 37 CFR 1.111. Since the above-mentioned reply appears to be bona fide, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).**

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN E. LANIER whose telephone number is (571)272-3805. The examiner can normally be reached on M-Th 7:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT:
FILED: MAY 5, 2010	EXAMINER:
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

RESPONSE TO OFFICE ACTION DATED 12/8/2010

ASSISTANT COMMISSIONER FOR PATENTS
M.S. Missing Parts
P.O. Box 1450
Alexandria, VA 22313-1450

Sir,

This is a response to the First Office Action dated 12/8/2010. The first office action rejected all currently pending claims. In this paper, "Claim Amendments" start at page 2, and "Remarks" section starts at page 9.

Claim Amendments

1. (presently amended) A method of creating an online library on a first server computer coupled to the Internet, the method comprising the ~~steps of~~ following steps performed by the first server computer:

allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more ~~information objects~~ digital items for a plurality of users, said one or more ~~information objects~~ digital items including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

~~transmitting~~ receiving an information objects a digital item from a second server computer ~~to the first server computer;~~ and

~~storing~~ including the ~~information object~~ digital item in the online library; ~~and~~

~~permitting access of the information object by a requester operating a client computer,~~

wherein the second server computer is provided an identification of the digital item and an identification of the online library.

2. (presently amended) The method of claim 1 further comprising the steps of:

receiving a request from a second party to access the digital item;

authenticating the ~~requester~~ second party based on (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the ~~requester~~ second party, (d) the ~~requester~~ second party's password, (e) a security level of ~~a requester~~ the second party, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that ~~a requester~~ the second party provides, (i) type of device used by ~~a requester~~ the second party, (j)

identity of a device used by ~~a requester~~ the second party, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired; and

making the digital item accessible to the second party.

3. (presently amended) The method of claim 1 further comprising the step of:

permitting restrictive access to the ~~information object~~ digital item by ~~the requester a~~ second party based on whether the ~~requester~~ second party is authorized to view, modify, edit, add to, or delete a particular portion of the ~~information object~~ digital item to which access is sought provided.

4. (presently amended) The method of claim 1 wherein the ~~transmitting~~ receiving step comprises the step of:

~~transmitting~~ receiving the ~~information object to~~ digital item for storage in the first storage area ~~by using~~ via any one or a combination of the methods of (1) E-mail, (2) remote copy program (rcp), (3) hyper text transfer protocol (HTTP), (4) file transfer protocol (ftp), (5) Unix-to-Unix-Copy program (UUCP), (6) cutting-and-pasting, (7) copying-and-pasting, and (8) dragging-and-dropping.

5. (presently amended) The method of claim 1 wherein the ~~transmitting~~ receiving step comprises the step of:

~~providing the identification information for the online library to a second party operating the second server computer;~~

authorizing ~~the~~ a second party to transmit the ~~information object~~ digital item to the online library; and

directing the second party to transmit the ~~information object~~ digital item to the online library.

~~6. (canceled) The method of claim 1 wherein the transmitting step comprises the step of: initiating the transmittal of the information object upon clicking on an area in a web page.~~

~~7. (canceled) The method of claim 1 wherein the transmitting step comprises the step of: initiating the transmittal of the information object upon selecting an area on a web browser.~~

8. (presently amended) The method of claim 1 further comprising the step of: scanning the ~~information object~~ digital item for viruses; and if the ~~information object~~ digital item contained a virus, then (a) discarding the ~~information object~~ digital item or (b) removing the virus from the ~~information object~~ digital item prior to storing the object in the library.

9. (presently amended) A method of ~~securely distributing a first party's personal information~~ sharing a digital item with a plurality of users, the method comprising the following steps performed by a server computer:

storing the ~~first party's personal information on~~ digital item in a server computer system connected to the Internet, said ~~first party's personal information comprising at least one of a plurality of information objects~~, said ~~at least one of a plurality of information objects~~ digital item including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

associating with ~~each information object~~ the digital item at least one of a plurality of security clearance levels, said security clearance level being assignable to each information ~~object at any granularity, thereby enabling access to selected portions of the stored first party's~~

~~personal information;~~

~~receiving from a second party requester executing on a second computer, a request to access the digital item first party's personal information, said request accompanying an authorization key to access the first party's personal information;~~

~~selecting a first portion of the first party's personal information authorized to be transmitted to the requester, said selection being made in accordance with one or more selection criteria established by the first party;~~

~~determining whether the second party is authorized to access the digital item based on the at least one of a plurality of security levels associated with the digital item;~~

~~if the second party is authorized to access the digital item, making the digital item accessible to the second party;~~

~~determining the second computer's formatting requirements via a handshaking protocol;
formatting a response according to a format acceptable to the second computer; ~~and~~
transmitting the formatted response; and
rejecting the second party's request for the digital item if the second party is not authorized to receive.~~

10. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

~~configuring the response message in a manner suitable for delivery to the ~~requester~~ second party's device.~~

11. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

~~selecting a suitable format from a selection of available formats.~~

12. (presently amended) The method as in claim 9, wherein the step of formatting a response comprises the step of:

using stored rules to format a response ~~message~~.

13. (previously presented) The method as in claim 9, wherein the step of formatting a response comprises the step of:

encrypting or translating the response.

14. (presently amended) An apparatus comprising:

a processor;

an input device coupled to the processor;

a memory coupled to the processor;

said memory being adapted to receive and store therein program of instructions executable by the processor;

wherein the program of instructions is configured to direct the processor

to receive an input signal from the input device, and responsive to the input signal received, ~~to access a document on a second server computer~~, and to issue a signal to the second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer.

15. (presently amended) A method for online document collaboration, the method comprising the steps of:

establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;

creating, by a first user, a document for modification by each of the plurality of users;

storing the document on the server computer;

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;

verifying the identity of the second user by way of a password received from the second user; and

permitting the second user to modify the document based on a set of access rights granted to the second user[[:]]

~~applying modification made by the second user to the document; and~~

~~storing the document, the modifications made by the second user, and the identity of the second user.~~

16. (previously presented) The method of claim 15, wherein the step of verifying the registration of the second user further comprises the steps of:

receiving a user-identification from the second user;

receiving a password from the second user;

if the second user does not have an account with the server computer, then establishing an account for the second user on the server computer;

verifying the second user's account information; and

permitting the second user to access the document for modification.

17. (previously presented) The method of claim 16 further comprising the step of:

creating an audit trail of the document access.

18. (previously presented) The method of claim 15 further comprising the step of:
if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

19. (previously presented) The method of claim 15 further comprising the steps of:
after a document is modified, receiving approval for the modifications from one or more of a group of users; and
storing identifying information of each one of the one or more of a group of users who approved the modifications to the document.

20. (previously presented) The method of claim 15, where the modification to the document includes adding new material to the document, deleting material from the document, making notes within the document, underlining material in the document, adding a digital signature to the document or highlighting material in the document.

21. (New) The method of claim 15, further comprising the steps of:
storing the identity of the second user;
applying modification made by the second user to the document; and
storing the modified document.

22. (New) The method of claim 15, further comprising the steps of:
applying modification made by the second user to the document;
storing the document; and
storing the modifications made by the second user to the document.

REMARKS

This is a response to the First Office Action dated 12/8/2010. The first office action rejected all currently pending claims. This paper addresses each of the reasons for rejection.

Interview with Examiner

Applicants thank Examiner Lanier for the courtesies shown during interviews on December 16, 2010, January 11, 2011, and January 25, 2011. No agreement as to allowance was reached.

Claim Amendments

Claim 1 is amended as follows:

- a. The preamble is amended to recite that the steps are performed by the server computer.
- b. The term “information object” is changed to “digital item”.
- c. The verb “transmitting” is changed to “receiving” to recite the claim from the server computer point of view.
- d. The term “storing” is changed to “including”.
- e. A transactional step of “wherein the second server computer is provided an identification of the digital item and an identification of the online library” is added.

This step is altered and moved from claim 5 to claim 1. No new matter is added as a result. Support for the changes is in the Specification. Examiner is respectfully requested to review and enter the amendment.

Claims 2 & 3 are modified to change the term “requester” to “second party”.

Claim 9 is modified, among other corrections, to delete the step “~~selecting a first portion of the first party’s personal information authorized to be transmitted to the requester, said~~”

~~selection being made in accordance with one or more selection criteria established by the first party;~~ and to add the steps

determining whether the second party is authorized to access the digital item based on the at least one of a plurality of security levels associated with the digital item; if the second party is authorized to access the digital item, making the digital item accessible to the second party; * * *

and

rejecting the second party's request for the digital item if the second party is not authorized to receive.

This change does not add new matter. Support for the change is in the Specification. Examiner is respectfully requested to review and enter the amendment.

Claim 12 is amended by striking the word "message." This change does not add any new matter.

Claim 14 is modified to delete the phrase "to access a document on a second server computer,". This change does not add any new matter.

Claim 15 is amended by deleting the final two steps. This modification does not add new matter. Examiner is requested to review and enter the amendment.

Canceled Claims

Claims 6 & 7 are canceled.

New Claims

Claims 21 & 22 are new. These are added to recite that the modifications to the digital item are stored separately from the modified document. The steps are altered from the deleted portion of Claim 15. No new matter is added as a result of this change. Examiner is respectfully requested to review and enter the amendment.

Fee Computation

Because two dependent claims are canceled and two new claims are added, the total number of claims remains and therefore no fee is believed due with this amendment. A new fee computation sheet is attached.

Respectfully submitted,

Date: March 8, 2011

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One of the Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT:
FILED: MAY 5, 2010	EXAMINER:
TITLE: ONLINE PERSONAL LIBRARY	DOCKET No: PSCO-008

FEE COMPUTATION SHEET

FOR	No. filed	No. Extra	Rate	Fee
Total Claims (37 CFR § 1.16(i))	20 minus 20	0	\$26	\$0
Independent Claims (37 CFR § 1.16(h))	3 minus 3	0	\$110	\$0
Total Claims previously paid for	20 minus 20			\$0
Independent claims previously paid for	3 minus 3			\$0
	TOTAL			\$0

No fee is accordingly believed to be due with this filing.

Respectfully Submitted,

Date: March 8, 2011

/Naren Chaganti/ (44,602)
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One of the Applicants

Electronic Acknowledgement Receipt

EFS ID:	9611307
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	08-MAR-2011
Filing Date:	05-MAY-2010
Time Stamp:	15:13:10
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	Amendment/Req. Reconsideration-After Non-Final Reject	pSCO-008-resp-to-0a-of-12-8-2010.pdf	52471 <small>dbfa3827a2e9256063bbf1a646c9d51f2b3f20a9</small>	no	12

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.

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 12/799,945		Filing Date 05/05/2010		<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 (\$)		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), (i), 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 \$ =		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	03/08/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	X \$26 =	0	OR	X \$ =	
	Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 0	X \$110 =	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	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		OR	X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =	
	<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: /JACQULYN L. WILLIAMS/				

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.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	6,453,305 B1	Sep-02	Glassman	705	59	
BB	2001/0031066	Oct-01	Meyer	382	100	
CC	5,204,897 A	Apr-93	Wyman	710	200	
DD	5,765,152 A	Jun-98	Erikson	1	1	
EE	5,931,901 A	Aug-99	Wolfe	709	206	
FF	6,361,012 B1	Apr-02	Atkinson	713	176	
GG	6,505,160 B1	Jan-03	Levy	704	270	
HH						
II						
JJ						
KK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

MM	
NN	

EXAMINER	DATE CONSIDERED
-----------------	------------------------

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

Electronic Acknowledgement Receipt

EFS ID:	9526749
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	24-FEB-2011
Filing Date:	05-MAY-2010
Time Stamp:	16:20:16
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	Transmittal Letter	IDS-4.pdf	13584 <small>c82dee116b238d3d81ed17eeec826adcf0385490</small>	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Filed (SB/08)	IDS-1449_form-4.pdf	59485 94b63ea150be194de7e3a592dd748a5512 ad0b43	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
Total Files Size (in bytes):			73069		
<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

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit: 2132
Filed: May 5, 2010	Examiner: Benjamin Lanier
Title: Online Personal Library	Docket No.: PSCO-008

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the Applicants' duty of disclosure under 37 C.F.R. § 1.56, Examiner's attention is hereby directed to these references as shown in the attached Forms PTO-1449 (List of References cited by the Applicant) and/or PTO-892 (List of References Cited by the Examiner). Copies of NPL references are attached. Patent references can be found in the PAIR system. These references are cited by Examiner or Applicant in a related case within 90 days of the filing of this paper.

Identification of these references should not be construed as an admission that any of the information in these references constitutes "prior art" for the purposes of the instant application. It is respectfully requested that the Examiner review the listed references and make the references of record in the file history of the instant application. No fee is believed to be due for this submission.

Respectfully Submitted,

Date: February 24, 2011

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One of the Applicants



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner LANIER, BENJAMIN E.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN E. LANIER	Art Unit 2432	

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

- (1) BENJAMIN E. LANIER. (3) _____.
(2) Naren Chaganti (Reg. No. 44,602). (4) _____.

Date of Interview: 25 January 2011.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 1 and 15.

Identification of prior art discussed: Fu, Hanson, Distefano.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Chaganti discussed the prior art and how he believed the claims were distinguishable. Examiner explained how the combination of references was being used to reject the claims. Examiner suggested amending the claims to add more detail with respect to the transmission of content from one server to another. No specific language was agreed upon.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

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. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

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.

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- 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.
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(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.)
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P.O. Box 1450
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www.uspto.gov

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for Naren Chaganti and examiner Benjamin E. Lanier.

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):

naren@chaganti.com
naren.chaganti@gmail.com

Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN E. LANIER	Art Unit 2432	

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

- (1) BENJAMIN E. LANIER. (3) _____.
(2) Naren Chaganti (Reg. No. 44,602). (4) _____.

Date of Interview: 11 January 2011.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 1 and 15.

Identification of prior art discussed: n/a.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Chaganti discussed where he believed support for the limitations in question existed in the priority applications. Examiner explained why the priority applications were not sufficient to support the claim limitations in question. Mr. Chaganti discussed claim amendments to remove the limitations in an effort to receive the priority date.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

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- 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,
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET NO: PSCO-008

INTERVIEW SUMMARY AND REQUEST FOR FURTHER INTERVIEW

Tentative Participants: (1) Naren Chaganti (one of the applicants)
(2) Benjamin Lanier (Examiner)

Proposed date: January 25, 2011	Proposed time: 1:00 PM EDT
Type of Interview Requested: Telephonic	Exhibits to be shown: No

Issues to discussed: Claim Rejections under 35 U.S.C. § 103(a)

Summary of prior interview: An interview was conducted on December 16, 2010 followed by an interview on January 11, 2011 to discuss the following step in claim 15:

“storing the document, the modifications made by the second user, and the identity of the second user.”

Applicant proposed to amend the claim to clarify the step(s) as follows:

storing the identity of the second user;

storing the document; [[,]] and

storing the modification[[s]] to the document made by the second user, ~~and the identity of the second user.~~

Examiner appeared to indicate that such amendment would overcome the objection as to enablement. Examiner is requested to affirm or deny this characterization. Applicant requested further interview to discuss claim rejections under 35 USC § 103.

Respectfully Submitted,
Date: January 17, 2011

/Naren Chaganti/ (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone
naren@chaganti.com E-mail

One of the Applicants

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01). This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Electronic Acknowledgement Receipt

EFS ID:	9244786
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	17-JAN-2011
Filing Date:	05-MAY-2010
Time Stamp:	16:50:41
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	First Action Interview - Schedule Interview request	psco-008-interviewrequestform-3d.pdf	17826 <small>eaf6382e82326660e63afd016012e930d12897</small>	no	1

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.



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Table with 4 columns: APPLICATION NUMBER (12/799,945), FILING OR 371(C) DATE (05/05/2010), FIRST NAMED APPLICANT (Naren Chaganti), ATTY. DOCKET NO./TITLE (PSCO-008)

CONFIRMATION NO. 5345

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

PUBLICATION NOTICE



Title:Online personal library
Publication No.US-2011-0004943-A1
Publication Date:01/06/2011

NOTICE OF PUBLICATION OF APPLICATION

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

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

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

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

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

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



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

naren@chaganti.com
naren.chaganti@gmail.com

Interview Summary	Application No. 12/799,945	Applicant(s) CHAGANTI ET AL.	
	Examiner BENJAMIN E. LANIER	Art Unit 2432	

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

- (1) BENJAMIN E. LANIER. (3) _____.
(2) Naren Chaganti (Req. No. 44,602). (4) _____.

Date of Interview: 16 December 2010.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 15.

Identification of prior art discussed: n/a.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Mr. Chaganti discussed the priority documents and how he believed they provided adequate support for the claim language. Examiner stated that the citations discussed did not clearly support the claim requirement for storing the identifier of the user that performs a document modification, wherein the identifier is stored along with the document and the document modification.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

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Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET NO: PSCO-008

APPLICANT-INITIATED INTERVIEW REQUEST FORM

Tentative Participants: (1) Naren Chaganti (one of the applicants)

(2) Benjamin Lanier (Examiner)

Proposed date: January 11, 2010	Proposed time: 1:00 PM EDT
Type of Interview Requested: Telephonic	Exhibits to be shown: No

Issues to be discussed: Enablement and Claim Rejections under 35 U.S.C. § 103(a)

In parent application 09/478,796 filed January 7, 2000:

Please see page 10.
Please see page 11, lines 1-4.
Please see page 19, lines 1-4.
Please see page 20, lines 15-16.
Please see claims 5 & 6 (as filed on January 7, 2000).

In the C-I-P application S. No. 09/634,725 filed August 5, 2000:

Please see page 5, line 27 through page 6, line 16.
Please see page 16, lines 19-22.
Please see page 33, lines 5 through 26.

An interview was conducted on the above-identified application on December 16, 2010. No agreement is reached. Applicant requested a further interview on January 11, 2010 at 1:00 PM EDT to discuss enablement and claim rejections based on cited references.

Date: December 11, 2010

/Naren Chaganti/ (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone

One of the Applicants

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01). This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Electronic Acknowledgement Receipt

EFS ID:	9060748
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	17-DEC-2010
Filing Date:	05-MAY-2010
Time Stamp:	12:38:54
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	First Action Interview - Schedule Interview request	pSCO-008- interviewrequestform-2d.pdf	16734 <small>60110e57a0ed6c867a4bb8e18ff4523323bf4ca9</small>	no	1

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.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,076,109	6/13/2000	Kikinis	709	228	1/30/1997
	BB						
	CC						
	DD						
	EE						
	FF						
	GG						
	HH						
	II						
	JJ						
	KK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	MM	
	NN	

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

Electronic Acknowledgement Receipt

EFS ID:	9015844
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	12-DEC-2010
Filing Date:	05-MAY-2010
Time Stamp:	18:03:30
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	Transmittal Letter	IDS-3-psco-008.pdf	13575 <small>9c06a750c8df6e75c0caa5c426604bdbb783547b</small>	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Filed (SB/08)	IDS-1449-form-3-psco-008.pdf	43371	no	1
			117d288c8b8e837dd7a8dc2af651d0ad56826fc		

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

Total Files Size (in bytes):

56946

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New Applications Under 35 U.S.C. 111

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New International Application Filed with the USPTO as a Receiving Office

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit: 2132
Filed: May 5, 2010	Examiner: Benjamin Lanier
Title: Online Personal Library	Docket No.: PSCO-008

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the Applicants' duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby disclose that the following documents were cited or referenced in parent or co-pending applications related to this application. Examiner's attention is hereby directed to these references as shown in the attached Forms PTO-1449 (List of References cited by the Applicant) and PTO-892 (List of References Cited by the Examiner).

Copies of references can be found in the applications cited in the forms. Identification of these references should not be construed as an admission that any of the information in these references constitutes "prior art" for the purposes of the instant application. It is respectfully requested that the Examiner review the listed references and make the references of record in the file history of the instant application. No fee is believed to be due for this submission.

Respectfully Submitted,

Date: December 11, 2010

/Naren Chaganti/ (44,602)
Naren Chaganti, Esquire Reg. No.
713 The Hamptons Lane
Town & Country, MO 63017
(650) 248-7011 phone
naren@chaganti.com E-mail

One of the Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 12/799,945	ART UNIT: 2132
FILED: MAY 5, 2010	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET NO: PSCO-008

APPLICANT-INITIATED INTERVIEW REQUEST FORM

Tentative Participants: (1) Naren Chaganti (one of the applicants)

(2) Benjamin Lanier (Examiner)

Proposed date: December 16, 2010	Proposed time: 1:00 PM EDT
Type of Interview Requested: Telephonic	Exhibits to be shown: No

Issues to be discussed: Applicant wishes to discuss the claim rejections and to explain enablement and priority matters. Applicant also wishes to discuss possible amendments, if necessary to overcome any cited art.

An interview was conducted on the above-identified application on _____.

Date: December 11, 2010

/Naren Chaganti/ (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone

One of the Applicants

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01). This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Electronic Acknowledgement Receipt

EFS ID:	9015441
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	11-DEC-2010
Filing Date:	05-MAY-2010
Time Stamp:	12:47:34
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	First Action Interview - Schedule Interview request	pSCO-008-interviewrequestform.pdf	22502 <small>9ec74bfd1980e9a88df73b2e0c913d33f734d903</small>	no	1

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

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

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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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes fields for EXAMINER (LANIER, BENJAMIN E), ART UNIT (2432), PAPER NUMBER, NOTIFICATION DATE (12/08/2010), and 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):

naren@chaganti.com
naren.chaganti@gmail.com

DETAILED ACTION

Priority

1. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged. Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. 120 as follows:
2. The later-filed application must be an application for a patent for an invention which is also disclosed in the prior application (the parent or original nonprovisional application or provisional application). The disclosure of the invention in the parent application and in the later-filed application must be sufficient to comply with the requirements of the first paragraph of 35 U.S.C. 112. See *Transco Products, Inc. v. Performance Contracting, Inc.*, 38 F.3d 551, 32 USPQ2d 1077 (Fed. Cir. 1994).
3. The disclosure of the prior-filed application, Application No. 09/478,796 ('796 application), fails to provide adequate support or enablement in the manner provided by the first paragraph of 35 U.S.C. 112 for one or more claims of this application. The disclosure of the '796 application does not provide adequate support for the claimed allocating a first storage area coupled to the server computer, the storage area being configured to hold one or more information objects for a plurality of users, said one or more information objects including a web page, a link to a web page, a bookmark, a document, an e-book, a piece of music, a piece of audio, a video clip, or a movie. The disclosure of the '796 application is directed towards the storage of personal information (See Table 1), while the presents claims are directed towards the storage of content belonging to individual users.

4. The disclosure of the '796 application does not provide adequate support for the claimed transmission of an information object from a second server computer to a first server computer having an allocated storage area to hold one or more information objects for a plurality of users.

5. The disclosure of the prior-filed application, Application No. 09/634,725 ('725 application), fails to provide adequate support or enablement in the manner provided by the first paragraph of 35 U.S.C. 112 for one or more claims of this application. The disclosure of the '725 application does not provide adequate support for the claimed storing of a document, modifications made to document by a second user, and the identity of the second user. The '725 application discusses allowing a requesting user to modify documents stored in the online library and providing notifications that the document has been modified (Claims 15-20). However, the disclosure is silent with respect to storing the identity of the user who modified the document.

6. Therefore, claims 1-14 are not entitled to the benefit of prior application 09/478,796, and claims 15-20 are not entitle to the benefit of prior application 09/478, 796 and 09/634,725.

Information Disclosure Statement

7. The information disclosure statements filed 21 June 2010 fail to comply with 37 CFR 1.98(a)(1), which requires the following: (1) a list of all patents, publications, applications, or other information submitted for consideration by the Office; (2) U.S. patents and U.S. patent application publications listed in a section separately from citations of other documents; (3) the application number of the application in which the information disclosure statement is being submitted on each page of the list; (4) a column that provides a blank space next to each document to be considered, for the examiner's initials; and (5) a heading that clearly indicates that the list is an information disclosure statement. The information disclosure statement has

been placed in the application file, but the information referred to therein has not been considered.

Double Patenting

8. Claim 7 is objected to under 37 CFR 1.75 as being a substantial duplicate of claim 6. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

Claim Rejections - 35 USC § 103

9. 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.

10. 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 1-4, 6, 7, 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fu, U.S. Patent No. 6,882,793, in view of Hanson, U.S. Patent No. 6,507,865. Referring to claim 1, Fu discloses a video processing system that includes a server (Figure 1, 70) for storing digital

Art Unit: 2432

content uploaded by users using a client computer (Col. 11, lines 22-30), which meets the limitation of allocating a first storage area coupled to the server computer, the storage area being configured to hold one or more information objects for a plurality of users, transmitting an information object for storage in the first storage area, storing the information object in the online library. The digital content can include images, audio, and video (Col. 3, lines 58-61), which meets the limitation of said one or more information objects including an image, a piece of music, a piece of audio, a video clip, or a movie. Access to a user's stored content is permitted based upon entry of valid login information (Figure 5G & Col. 16, lines 44-51), which meets the limitation of permitting access of the information object by a requestor operating a second computer. Fu does not disclose that the content can be uploaded from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets the limitation of transmitting an information object from a second server computer to the first server computer for storage in the first storage area. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in Fu to be uploaded from another server by referencing a URL because Hanson discloses that uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

Referring to claim 2, Fu discloses that the login information can include content ID and passwords (Figure 4A & 5G & Col. 16, lines 44-51), which meets the limitation of authenticating the requester based on a description of information accessible using an authorization key, the requester's password.

Referring to claim 3, Fu discloses that the user can invite guests to view their content (Col. 16, lines 44-51) while the owning user can edit, delete, add, and change permissions to the content (Figures 4B, 5B-5D & Col. 15, lines 59-63), which meets the limitation of permitting access to the information object by the requestor based on whether the requestor is authorized to view, modify, add to, or delete a particular portion of the information object to which access is provided.

Referring to claim 4, Fu discloses content is upload using FTP (Col. 4, lines 63-65) and http (Figure 5B), which meets the limitation of transmitting the information object to the first storage area by using any one or a combination of the methods of hyper text transfer protocol (HTTP), file transfer protocol (FTP).

Referring to claims 6, 7, Fu discloses uploading content using a web page interface (Figure 5B), which meets the limitation of initiating the transmittal of the information object upon selecting an area on a web browser.

Referring to claim 14, Fu discloses a video processing system that includes a server (Figure 1, 70) for storing digital content uploaded by users using a client computer (Col. 11, lines 22-30), which meets the limitation of a processor, an input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instructions executable by the processor, wherein the program of instructions is configured to direct the processor to receive an input signal from the input device, and responsive to the input signal received. Fu does not disclose that the content can be uploaded from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets

Art Unit: 2432

the limitation of receive an input signal from the input device, and responsive to the input signal received, to access a document on a second server computer, and to issue a signal to the second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in Fu to be uploaded from another server by referencing a URL because Hanson discloses that uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

12. Claims 1, 3, 5-7, 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over DiStefano, U.S. Patent No. 7,353,199, in view of Hanson, U.S. Patent No. 6,507,865. Referring to claims 1, 6, 7, DiStefano discloses registered users are permitted to upload web assets to a central server using a web browser if they are identified as a registered user (Figure 1, 4 & Col. 4, line 53 – Col. 5, lines 20), which meets the limitation of allocating a first storage area coupled to the server computer, the storage area being configured to hold one or more information objects for a plurality of users, transmitting an information object for storage in the first storage area, storing the information object in the online library, initiating the transmittal of the information object upon selecting an area on a web browser. The web assets include images, audio, and video (Col. 3, lines 2-4), which meets the limitation of said one or more information objects including an image, a piece of music, a piece of audio, a video clip, or a movie. Registered users are granted access to the system (Col. 6, lines 18-21), which meets the limitation of permitting access of the information object by a requester operating a second computer. DiStefano does not

disclose that the web assets are uploaded from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets the limitation of transmitting an information object from a second server computer to the first server computer for storage in the first storage area. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in DiStefano to be uploaded from another server by referencing a URL because Hanson discloses that uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

Referring to claim 3, DiStefano discloses that access to the system is based upon access rights (Col. 4, lines 61-64), which meets the limitation of permitting restrictive access to the information object by the requestor based on whether the requestor is authorized to view, modify, edit, add to, or delete a particular portion of the information object to which access is provided.

Referring to claim 4, DiStefano discloses that the system is implemented on a server connected to the Internet using standard techniques such as the TCP/IP protocol (Col. 5, lines 9-12), which meets the limitation of transmitting the information object to the first storage area by using any one or a combination of the methods of hyper text transfer protocol (HTTP), file transfer protocol (FTP).

Referring to claim 5, DiStefano discloses a third party user can upload assets to the collection (Col. 4, line 64 - Col. 5, line 1) once they have been registered to the system (Col. 6, lines 41-51), which meets the limitation of providing the identification information for the online

library to a second party operating the second server computer, authorizing the second party to transmit the information object to the online library, and directing the second party to transmit the information object to the online library.

Referring to claim 14, DiStefano discloses registered users are permitted to upload web assets to a central server using a web browser if they are identified as a registered user (Figure 1, 4 & Col. 4, line 53 – Col. 5, lines 20), which meets the limitation of a processor, a input device coupled to the processor, a memory coupled to the processor, said memory being adapted to receive and store therein program of instruction executable by the processor, Wherein the program of instructions is configured to direct the processor to receive an input from the input device. DiStefano does not disclose that the web assets are uploaded from another server. Hanson discloses that content can be uploaded to a server by referencing the content on the Internet using a Universal Resource Locator (Col. 14, lines 54-57), which meets the limitation of receive an input signal from the input device, and responsive to the input signal received, to access a document on a second server computer, and to issue a signal to the second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the content described in DiStefano to be uploaded from another server by referencing a URL because Hanson discloses that uploading from another server using a URL is one of a finite number of predictable uploading solutions that could be implemented with a reasonable expectation of success (Hanson: Col. 14, lines 54-61).

13. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over DiStefano, U.S. Patent No. 7,353,199, in view of Hanson, U.S. Patent No. 6,507,865, and further in view of Devarajan, U.S. Patent No. 7,167,904. Referring to claim 2, DiStefano does not specify how the users are authenticated into the system. Devarajan discloses a web hosting system wherein users are authenticated using usernames and passwords (Col. 9, lines 53-56), which meets the limitation of authenticating the requestor based on the requestor's password. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the users of DiStefano to be authenticated using usernames and passwords in order to verify that the users are registered members of the system as taught by Devarajan (Col. 9, lines 53-56).

14. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Fu, U.S. Patent No. 6,882,793, in view of Hanson, U.S. Patent No. 6,507,865, and further in view of DiStefano, U.S. Patent No. 7,353,199. Referring to claim 5, Fu does not disclose third party users being able to upload content into the library. DiStefano discloses a third party user can upload assets to the collection (Col. 4, line 64 - Col. 5, line 1) once they have been registered to the system (Col. 6, lines 41-51), which meets the limitation of providing the identification information for the online library to a second party operating the second server computer, authorizing the second party to transmit the information object to the online library, and directing the second party to transmit the information object to the online library. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the system of Fu to allow for third party users to upload content in order to provide a means for registered users to utilize content authored by a third party as taught by DiStefano (Col. 4, lines 64-66).

15. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Fu, U.S. Patent No. 6,882,793, in view of Hanson, U.S. Patent No. 6,507,865, and further in view of Chen, U.S. Patent No. 5,832,208. Referring to claim 12, Fu does not disclose scanning for viruses when content is uploaded. Chen discloses scanning for viruses when content is uploaded (Col. 4, lines 13-19), which meets the limitation of scanning the information object for viruses, and if the information object contained a virus, then discarding the information object or removing the virus from the information object prior to storing the object in the library. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the server of Fu to scan the uploaded content for viruses in order to protect the server from virus infection as taught by Chen (Col. 1, lines 49-56).

16. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over DiStefano, U.S. Patent No. 7,353,199, in view of Hanson, U.S. Patent No. 6,507,865, and further in view of Chen, U.S. Patent No. 5,832,208. Referring to claim 12, DiStefano does not disclose scanning for viruses when content is uploaded. Chen discloses scanning for viruses when content is uploaded (Col. 4, lines 13-19), which meets the limitation of scanning the information object for viruses, and if the information object contained a virus, then discarding the information object or removing the virus from the information object prior to storing the object in the library. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the server of DiStefano to scan the uploaded content for viruses in order to protect the server from virus infection as taught by Chen (Col. 1, lines 49-56).

17. Claims 9-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fu, U.S. Patent No. 6,882,793, in view of Lim, U.S. Patent No. 7,155,737. Referring to claims 9-13, Fu

discloses a video processing system that includes a server (Figure 1, 70) for storing digital content uploaded by users using a client computer (Col. 11, lines 22-30), which meets the limitation of storing the first party's personal information on a server computer connected to the Internet, said first party's personal information comprising at least one of a plurality of information objects. The digital content can include images, audio, and video (Col. 3, lines 58-61), which meets the limitation of said at least one of a plurality of information objects including an image, a piece of music, a piece of audio, a video clip, or a movie. Access to a user's stored content is permitted based upon entry of valid login information (Figure 5G & Col. 16, lines 44-51), which meets the limitation of associating with each information object at least one of a plurality of security clearance levels, said security clearance level being assignable to each information object at any granularity, thereby enabling access to selected portions of the stored first party's personal information, retrieving from a requester executing on a second computer, a request to access the first party's personal information, said request accompanying an authorization key to access the first party's personal information, selecting a first portion of the first party's personal information authorized to be transmitted to the requester, said selection being made in accordance with one or more selection criteria established by the first party. Fu does not disclose a login failure message being transmitted to the requesting user. Lim discloses a login failure message being transmitted to the requesting user (Col. 7, lines 40-60), which meets the limitation of determining the second computer's formatting requirements via a handshaking protocol, formatting a response according to a format acceptable to the second computer, and transmitting the formatted response, configuring the response message in a manner suitable for delivery to the requester's device, selecting a suitable format from a

selection of available formats, using stored rules to format a response message, selecting a specified data communication protocol for transmission, translating the response. It would have been obvious to one of ordinary skill in the art at the time the invention was made for a login failure message to be transmitted to the requesting user in order to provide the user with a notification of the failure while providing the user with additional options as taught by Lim (Col. 17, lines 1-4).

18. Claims 9-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over DiStefano, U.S. Patent No. 7,353,199, in view of Lim, U.S. Patent No. 7,155,737. Referring to claims 9-13, DiStefano discloses registered users are permitted to upload web assets to a central server if they are identified as a registered user (Figure 1, 4 & Col. 4, line 53 – Col. 5, lines 1), which meets the limitation of storing the first party's personal information on a server computer connected to the Internet, said first party's personal information comprising at least one of a plurality of information objects. The web assets include images, audio, and video (Col. 3, lines 2-4), which meets the limitation of said at least one of a plurality of information objects including an image, a piece of music, a piece of audio, a video clip, or a movie. Registered users are granted access to the system (Col. 6, lines 18-21), which meets the limitation of associating with each information object at least one of a plurality of security clearance levels, said security clearance level being assignable to each information object at any granularity, thereby enabling access to selected portions of the stored first party's personal information, retrieving from a requester executing on a second computer, a request to access the first party's personal information, said request accompanying an authorization key to access the first party's personal information, selecting a first portion of the first party's personal information authorized to be transmitted to the requester,

said selection being made in accordance with one or more selection criteria established by the first party. DiStefano does not disclose a login failure message being transmitted to the requesting user. Lim discloses a login failure message being transmitted to the requesting user (Col. 7, lines 40-60), which meets the limitation of determining the second computer's formatting requirements via a handshaking protocol, formatting a response according to a format acceptable to the second computer, and transmitting the formatted response, configuring the response message in a manner suitable for delivery to the requester's device, selecting a suitable format from a selection of available formats, using stored rules to format a response message, selecting a specified data communication protocol for transmission, translating the response. It would have been obvious to one of ordinary skill in the art at the time the invention was made for a login failure message to be transmitted to the requesting user in order to provide the user with a notification of the failure while providing the user with additional options as taught by Lim (Col. 17, lines 1-4).

19. Claims 15-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Barberis, U.S. Publication No. 2004/0021686, in view of DiStefano, U.S. Patent No. 7,353,199. Referring to claims 15, 20, Barberis discloses a collaborative interaction system for documents wherein registered users can login (Figure 1A & [0042]), which meets the limitation of establishing, on a server computer coupled to the Internet, an account for each of a plurality of users. Documents are uploaded to the collaborative system such that the documents can be accessed by other users ([0041]), which meets the limitation of creating, by a first user, a document for modification by each of the plurality of users, Storing the document on the server computer. Barberis does not specify that access to the documents in the collaborative system is based on granted access

rights. DiStefano discloses providing access to web assets based upon access rights (Col. 4, lines 61-64), which meets the limitation of granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users whose identities are known to the server computer, modify the document based on a set of access rights granted to the second user. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the documents of Barberis to be accessible in the collaborative system through access rights in order to provide varying levels of access based upon the designated user as taught by DiStefano (Col. 4, lines 57-64). Users wishing to access the collaborative system provide their login information and is provided a personal homepage upon verification of the login information ([0042]-[0044]), which meets the limitation of receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information, verifying the identity of the second user by way of a password received from the second user, permitting the second user to modify the document. All modifications made to the documents are stored along with user information ([0003]), which meets the limitation of applying modification made by the second user to the document, and storing the document, the modifications made by the second user, and the identity of the second user, the modification to the document includes adding new material to the document, making notes within the document.

Referring to claim 16, Barberis discloses that users wishing to access the collaborative system provide their login information and is provided a personal homepage upon verification of the login information ([0042]-[0044]), which meets the limitation of receiving a user-identification from the second user, receiving a password from the second user. First time users

need to register in order to access the system ([0042]-[0043]), which meets the limitation of if the second user does not have an account with the server computer, then establishing an account for the second user on the server computer, verifying the user's account information, and permitting the second user to access the document for modification.

Referring to claim 17, Barberis discloses that all modifications made to the documents are stored along with user information ([0003]), which meets the limitation of creating an audit trail of the document access.

Referring to claim 18, Barberis discloses that the email notifications are sent out when changes are made to documents in the collaboration system ([0087]), which meets the limitation of if the document is modified, notifying one or more numbers of a group of users that the document was modified.

Referring to claim 19, Barberis discloses that changes must be approved before the change will be completed ([0058]), which meets the limitation of after a document is modified, receiving approval for the modification from one or more of a group of users, and storing the identifying information of each one of the one or more of a group of users who approved the modifications to the document.

Conclusion

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

Kim, U.S. Publication No. 2002/0069272

Muret, U.S. Patent No. 6,792,458

Ahlberg, U.S. Patent No. 6,405,195

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN E. LANIER whose telephone number is (571)272-3805. The examiner can normally be reached on M-Th 7:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

/Benjamin E Lanier/
Primary Examiner, Art Unit 2432

Notice of References Cited	Application/Control No. 12/799,945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner BENJAMIN E. LANIER	Art Unit 2432	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,832,208 A	11-1998	Chen et al.	726/24
*	B	US-6,405,195 B1	06-2002	Ahlberg, Christopher	709/219
*	C	US-2002/0069272 A1	06-2002	Kim et al.	709/221
*	D	US-6,507,865 B1	01-2003	Hanson et al.	705/36R
*	E	US-2004/0021686 A1	02-2004	Barberis, Romain P.	345/738
*	F	US-6,792,458 B1	09-2004	Muret et al.	709/224
*	G	US-6,882,793 B1	04-2005	Fu et al.	386/241
*	H	US-7,155,737 B1	12-2006	Lim et al.	726/2
*	I	US-7,167,904 B1	01-2007	Devarajan et al.	709/218
*	J	US-7,353,199 B1	04-2008	DiStefano, III, Thomas L.	705/37
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

EAST Search History


EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S48	454	(network\$2 near1 drive\$1) and (drag\$4 adj1 drop\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/15 16:39
S49	37	(network\$2 near1 drive\$1) same (drag\$4 adj1 drop\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/15 16:40
S53	654	(upload\$3 with server \$1 with url\$1)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/23 12:53
S54	1	(upload\$3 with server \$1 with (url\$1 near3 source))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/23 12:54
S55	22	(upload\$3 with server \$1) same (url\$1 near3 source)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/23 12:54
S56	0	(upload\$3 with server \$1 with (url\$1 near3 from))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/23 13:02
S57	12	(upload\$3 with (url\$1 near3 source))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/23 13:10
S58	82	((upload\$3 near3 content) with (url\$1 near3 content))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/23 13:11
S59	0	((online near1 library) with content) and (((log\$4 or track \$3) near3 modification\$1) with (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 13:30
S60	0	((online near1 library) with content) and (((log\$4 or track \$3) near3 modification\$1) same (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 13:30

S61	0	((online near1 library)) and (((log\$4 or track\$3) near3 modification\$1) same (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 13:31
S62	0	((online near1 library)) and (((log\$4 or track\$3) near3 (modification\$1 or edit\$1)) same (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 13:31
S63	7	((online near3 library)) and (((log\$4 or track\$3) near3 (modification\$1 or edit\$1)) same (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 13:31
S64	1	((collaboration near1 tool\$1)) and (((log\$4 or track\$3) near3 (modification\$1 or edit\$1)) same (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 13:39
S65	7	((collaborat\$3 near1 tool\$1)) and (((log\$4 or track\$3) near3 (modification\$1 or edit\$1)) same (id\$1 or identifier\$1 or identification))	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/11/24 14:38

11/ 26/ 10 1:38:36 PM

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<i>Index of Claims</i> 	Application/Control No. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

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

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

CLAIM		DATE							
Final	Original	11/26/2010							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
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	18	✓							
	19	✓							
	20	✓							




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BIB DATA SHEET

CONFIRMATION NO. 5345

SERIAL NUMBER 12/799,945	FILING or 371(c) DATE 05/05/2010 RULE	CLASS 713	GROUP ART UNIT 2432	ATTORNEY DOCKET NO. PSCO-008	
APPLICANTS Naren Chaganti, Palo Alto, CA; Sitapati Rao Changanti, Palo Alto, CA; Damayanti Changanti, Palo Alto, CA; ** CONTINUING DATA ***** This application is a CON of 09/634,725 08/05/2000 which is a CIP of 09/478,796 01/07/2000 PAT 6,845,448 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 05/21/2010					
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 /BENJAMIN E LANIER/ Acknowledged _____ Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials _____	STATE OR COUNTRY CA	SHEETS DRAWINGS 8	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 4
ADDRESS NAREN CHAGANTI 713 THE HAMPTONS LANE TOWN & COUNTRY, MO 63017 UNITED STATES					
TITLE Online personal library					
FILING FEE RECEIVED 655	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. 12799945	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.
	Examiner BENJAMIN E LANIER	Art Unit 2432

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Updated Search of 713/182-186; 726-2-9, 26-33	11/24/2010	BL
East Search (See Attachment)	11/24/2010	BL
Inventor Name Search (Palm)	11/26/2010	BL

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-008	APPLICATION NO. 12/799,945
	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE May 5, 2010	GROUP 2132

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,355,474	12/2/1997	Thuraisingham	395	600	2/28/1992
	BB						
	CC						
	DD						
	EE						
	FF						
	GG						
	HH						
	II						
	JJ						
	KK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	LL							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	MM	
	NN	

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

Electronic Acknowledgement Receipt

EFS ID:	8968331
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	05-DEC-2010
Filing Date:	05-MAY-2010
Time Stamp:	12:58:31
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	Transmittal Letter	IDS-2.pdf	13553 <small>39e883da0d387d1f5f2b48a77b495b0a328594c2</small>	no	1

Warnings:

Information:

2	Information Disclosure Statement (IDS) Filed (SB/08)	IDS-1449-form-2.pdf	43766	no	1
			11ce5e070e4bc7b89e2a5016015fe293d82d5798		

Warnings:

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New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit: 2132
Filed: May 5, 2010	Examiner: Benjamin Lanier
Title: Online Personal Library	Docket No.: PSCO-008

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the Applicants' duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby disclose that the following documents were cited or referenced in parent or co-pending applications related to this application. Examiner's attention is hereby directed to these references as shown in the attached Forms PTO-1449 (List of References cited by the Applicant) and PTO-892 (List of References Cited by the Examiner).

Copies of references can be found in the applications cited in the forms. Identification of these references should not be construed as an admission that any of the information in these references constitutes "prior art" for the purposes of the instant application. It is respectfully requested that the Examiner review the listed references and make the references of record in the file history of the instant application. No fee is believed to be due for this submission.

Respectfully Submitted,

Date: December 5, 2010

/Naren Chaganti/ (44,602)
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One of the Applicants



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/799,945	05/05/2010	Naren Chaganti	PSCO-008

CONFIRMATION NO. 5345

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

WITHDRAWAL NOTICE



Date Mailed: 09/28/2010

Letter Regarding a New Notice and/or the Status of the Application

If a new notice or Filing Receipt is enclosed, applicant may disregard the previous notice mailed on 06/02/2010. The time period for reply runs from the mail date of the new notice. Within the time period for reply, applicant is required to file a reply in compliance with the requirements set forth in the new notice to avoid abandonment of the application.

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 the reply is not filed electronically via EFS-Web, the reply must be accompanied by a copy of the new notice.

If the Office previously granted a petition to withdraw the holding of abandonment or a petition to revive under 37 CFR 1.137, the status of the application has been returned to pending status.

/mabebe/

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



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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 12/799,945, 05/05/2010, 2132, 655, PSCO-008, 20, 4

CONFIRMATION NO. 5345

FILING RECEIPT

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017



Date Mailed: 09/28/2010

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)

Naren Chaganti, Palo Alto, CA;
Sitapati Rao Changanti, Palo Alto, CA;
Damayanti Changanti, Palo Alto, CA;

Power of Attorney: The patent practitioners associated with Customer Number 24490

Domestic Priority data as claimed by applicant

This application is a CON of 09/634,725 08/05/2000
which is a CIP of 09/478,796 01/07/2000 PAT 6,845,448

Foreign Applications

If Required, Foreign Filing License Granted: 05/21/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/799,945

Projected Publication Date: 01/06/2011

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Online personal library

Preliminary Class

713

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).



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
12/799,945	05/05/2010	Naren Chaganti	PSCO-008

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

CONFIRMATION NO. 5345
PGPUB REJECTION NOTICE



Date Mailed: 09/28/2010

NOTICE REGARDING NONPUBLICATION REQUEST

The nonpublication request filed on 07/05/2010 is acknowledged.

- The request cannot be accepted because 35 U.S.C. § 122(b)(2)(B)(i) and 37 CFR 1.213 require that any nonpublication request be submitted upon filing. Therefore, the application remains subject to the publication provisions of 35 U.S.C. § 122(b) and 37 CFR 1.211.

/mabebe/

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

Electronic Acknowledgement Receipt

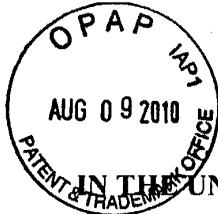
EFS ID:	7952737
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Adjustment date: 09/23/2010 MTEKLEMI 08/10/2010 JADDD1 00000019 12799945 01 FC:2051 -65.00 OP Title of Invention: Online personal library Refund Ref: 09/23/2010 MTEKLEMI 0000171971 <i>M.E.</i> <hr style="width: 20%; margin-left: 0;"/> CHECK Refund Total: \$65.00	
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	05-JUL-2010
Filing Date:	05-MAY-2010
Time Stamp:	20:03:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$110
RAM confirmation Number	6852
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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JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of: Naren Chaganti, et al.

Ser. No. 12/799,945	Examiner:
Filed: May 5, 2010	Art Unit: 2132
Title: Online Personal Library	Docket No: PSCO-008

RESPONSE TO NOTICE TO FILE MISSING PARTS

ASSISTANT COMMISSIONER FOR PATENTS
M.S. Petitions
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Notice to File Missing Parts in this case. A Petition to accept the Declaration and Power of Attorney filed with a parent application is made on July 5, 2010. A newly executed declaration with current address of the inventors is attached to this document. A payment of \$65 is also filed with this filing.

In this response, Remarks section starts at page 2.

08/10/2010 JADD01 00000019 12799945
01 FC:2051 65.00 OP

REMARKS

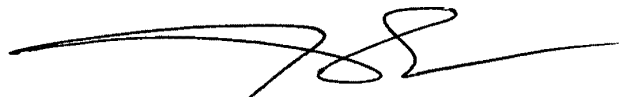
A newly executed declaration and oath (in original) with the current address of the inventors is attached to this document. A payment of \$65 is also filed with this filing.

This response is being filed to cover the possibility that the Petition (filed on July 5, 2010 under 37 C.F.R. § 1.63(d)) is denied, and therefore request is hereby made to refund the payment made with this response if said Petition is granted.

The Examiner is respectfully requested to note that in lieu of filing a preliminary amendment deleting old claims and adding new claims, Applicants have deleted the pages containing the original claims and Abstract and substituted pages with new claims and Abstract. In all other respects the original Specification remains the same.

Please assign this case to Customer Number 24490 and direct all communications to Naren Chaganti (Reg. No. 44,602) at Naren@Chaganti.com or the address for correspondence associated with the Customer Number 24490. Telephone calls should be made to (650) 248-7011.

Respectfully Submitted,



S/Naren Chaganti (44,602)
Naren Chaganti Reg. No.
713 The Hamptons Lane,
Town & Country, MO 63017
Naren@Chaganti.com E-mail
(650) 248-7011 phone

One of the Applicants



Certificate of Service by Mail

The undersigned attorney hereby certifies that this document (along with the enclosed check for \$65) was mailed via US Mail postage prepaid and deposited in a U.S. Mailbox on the date shown below and addressed to:

Assistant Commissioner for Patents
Box: Missing Parts
P.O. Box 1450
Alexandria, VA 22313-1450

Date: August 2, 2010

S/Naren Chaganti (44,602)
Naren Chaganti Reg. No.



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **ONLINE PERSONAL LIBRARY** the specification of which *was filed on May 5, 2010, as application Serial No. 12/799,945.*

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. patent application S. No. 09/634,725 filed August 5, 2000, which is a continuation-in-part of the U.S. patent application S. No. 09/478,796 filed January 7, 2000, which is currently issued as patent no. 6,845,488 B1.

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.

2/01

I hereby appoint the registered practitioners associated with Customer Number **(24490)** to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office.

Full name of 1st joint inventor: NAREN CHAGANTI

Inventor's
signature



Date July 7, 2010

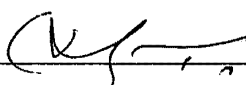
Residence: 713 THE HAMPTONS LANE, TOWN & COUNTRY, MO 63017

Citizenship: USA

Post Office Address:

Full name of 2nd joint inventor: SITAPATHI RAO CHAGANTI

Inventor's
signature



Date 7/1/2010

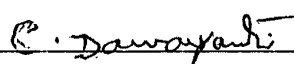
Residence: 16-III-637 RAMAMOORTHY NAGAR, NELLORE, A.P. INDIA, 524003

Citizenship: INDIA

Post Office Address:

Full name of 3rd joint inventor: DAMAYANTI CHAGANTI

Inventor's
signature



Date 7-1-2010

Residence: 16-III-637 RAMAMOORTHY NAGAR, NELLORE, A.P. INDIA, 524003

Citizenship: INDIA

Post Office Address:

Telephone calls should be made to NAREN CHAGANTI at:

Phone No.: (650) 248-7011

Fax No.: (314) 434-4663

E-mail.: naren@chaganti.com

All written communications are to be addressed to:

CUSTOMER NUMBER 24490.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of: Naren Chaganti, et al.

Ser. No. 12/799,945	Examiner:
Filed: May 5, 2010	Art Unit:
Title: Online Personal Library	Docket No: PSCO-008

PETITION TO CONSIDER DECLARATION FILED IN A PARENT APPLICATION
AND
PETITION FOR NON-PUBLICATION REQUEST

ASSISTANT COMMISSIONER FOR PATENTS
M.S. Petitions
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Petition is hereby made to the Honorable Commissioner to consider a declaration filed in the parent application of the referenced case and for nonpublication.

1. The instant patent application was filed on May 5, 2010 as a continuation application of a currently pending application Ser. No. 09/634,725 filed August 5, 2000, which is a continuation-in-part application of Ser. No. 09/478,796, filed January 7, 2000, which matured into U.S.P. 6,845,448 B1.

2. Pursuant to 37 C.F.R. § 1.63(d), a statement that the instant application is a continuation of a pending patent application filed in August 2000 was made in the transmittal form, and a copy of a previously executed declaration or oath is filed with the continuing application. The Office, however, issued a Notice to File Missing Parts, erroneously stating that the filed declaration did not have the applicants' post office

address. However, the post office address of the inventors at the time of executing the oath or declaration is stated in the declaration.

3. Applicants attest that (a) this continuation application was filed by all or fewer than all of the inventors named in the prior application; (b) the specification and drawings filed in the instant application contain no matter that would have been new matter in the prior application; and (c) a copy of the executed oath or declaration filed in the prior application showing the signatures is submitted with the continuation application.

4. Petition is therefore made to the Commissioner to withdraw the requirement that a new oath or declaration be filed with this application under 37 C.F.R. § 1.63(d).

5. A non-publication request was made with the prior application or such a request was the default action at the time the prior application was filed. Therefore it was believed that a new non-publication request is unnecessary in this case.

6. Applicants hereby certify that the invention disclosed in the instant application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. Applicants hereby request that the instant application not be published under 35 U.S.C. § 122(b).

7. No fee is believed to be due for this petition. If, however, any fee is required, Applicants hereby authorize the Commissioner to charge the required fee to the Applicants' ACH authorization number associated with Customer No. 24490 and obtain an electronic payment. Please credit any excess fee to the same account via ACH.

8. Finally, it appears that due to oversight the application filing fee was inadequate when filed. Four independent claims were filed but the fee was computed only for 3 independent claims. That difference of \$110 is paid with this petition.

9. The Commissioner is respectfully requested to grant the petition to obviate a new oath or declaration and to accept a prior filed oath or declaration, a copy of which is filed with this continuing application.

10. The Commissioner is also respectfully requested to grant this petition to withhold publication of this application as the parent application was never intended to be published and this being a continuing application, an exact copy of the prior application was filed believing to be sufficient for non-publication.

Respectfully Submitted,

S/Naren Chaganti (44,602)
Naren Chaganti Reg. No.
713 The Hamptons Lane,
Town & Country, MO 63017
Naren@Chaganti.com E-mail
(650) 248-7011 phone

One of the Applicants

Electronic Patent Application Fee Transmittal

Application Number:	12799945			
Filing Date:	05-May-2010			
Title of Invention:	Online personal library			
First Named Inventor/Applicant Name:	Naren Chaganti			
Filer:	Naren Chaganti			
Attorney Docket Number:	PSCO-008			
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:				
Independent claims in excess of 3	2201	1	110	110
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:				
Total in USD (\$)				110

Electronic Acknowledgement Receipt

EFS ID:	7952737
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	05-JUL-2010
Filing Date:	05-MAY-2010
Time Stamp:	20:03:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$110
RAM confirmation Number	6852
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	Petition for review by the Technology Center SPRE.	7-5-2010_petition_re_declarati on_and_publication.pdf	22765 a1be06e93afc261073717f9476886592bc29 23fb	no	3
Warnings:					
Information:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	29508 1098992ee9eb86acd5c4a20c010413747c9 5af99	no	2
Warnings:					
Information:					
Total Files Size (in bytes):				52273	
<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

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit:
Filed: May 5, 2010	Examiner:
Title: Online Personal Library	Docket No.: PSCO-008

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed herewith is a set of formal drawings to be substituted for Figs. 4-7 in the referenced matter. This submission contains four sheets of drawings. No fee is believed to be due with this submission.

Respectfully Submitted,

**Naren
Chaganti**

Digitally signed by Naren Chaganti
DN: cn=Naren Chaganti, c=US, ou=Law
Offices, email=naren@chaganti.com
Reason: I am the author of this document
Date: 2010.07.03 21:22:58 -05'00'

Date: July 3, 2010

(44,602)

Naren Chaganti, Esquire
713 The Hamptons Lane
Town & Country, MO 63017
(650) 248-7011 phone
naren@chaganti.com E-mail
One of the Applicants

Reg. No.

NAME OF THE LIBRARY	<input type="text"/>	~402
OVERALL SECURITY LEVEL	<input type="text"/>	~404
	(DEFAULT - 0)	
TYPE OF FILE	<input type="checkbox"/>	FORMATTED TEXT (WORD)
	<input type="checkbox"/>	ASCII TEXT ~406
	<input type="checkbox"/>	HTML
	<input type="checkbox"/>	RTF
	<input type="checkbox"/>	JPEG
	<input type="checkbox"/>	MPEG
	o	
	o	
	o	
AUTHOR	<input type="text"/>	
FILE NAME	<input type="text"/>	
PERMISSION TO USERS ~408		
AT SECURITY LEVEL	<input type="text"/>	<input type="checkbox"/> READ <input type="checkbox"/> WRITE
AT SECURITY LEVEL	<input type="text"/>	<input type="checkbox"/> READ <input type="checkbox"/> WRITE
		<input type="checkbox"/> DELETE <input type="checkbox"/> EDIT

CREATING SPACE IN LIBRARY WITH SECURITY LEVELS ~400 AND PERMISSIONS

FIG. 4

SOURCE : <http://www.source.com/1/2/b/Movie.mpg>
DESTINATION : www.library.com/username/account_id
Destination Password: ADD THIS ONE

NAME OF THE LIBRARY

SECURITY LEVEL

FILE TYPE
 FORMATTED ASCII HTML RTF JPEG MPEG
 TEXT (WORD) TEXT

AUTHOR

FILE NAME

ISBN NO.:

USER PERMISSIONS (DEFAULT)

CONTENTS OF A REQUEST TO ADD AN ITEM TO A USER LIBRARY

FIG. 5

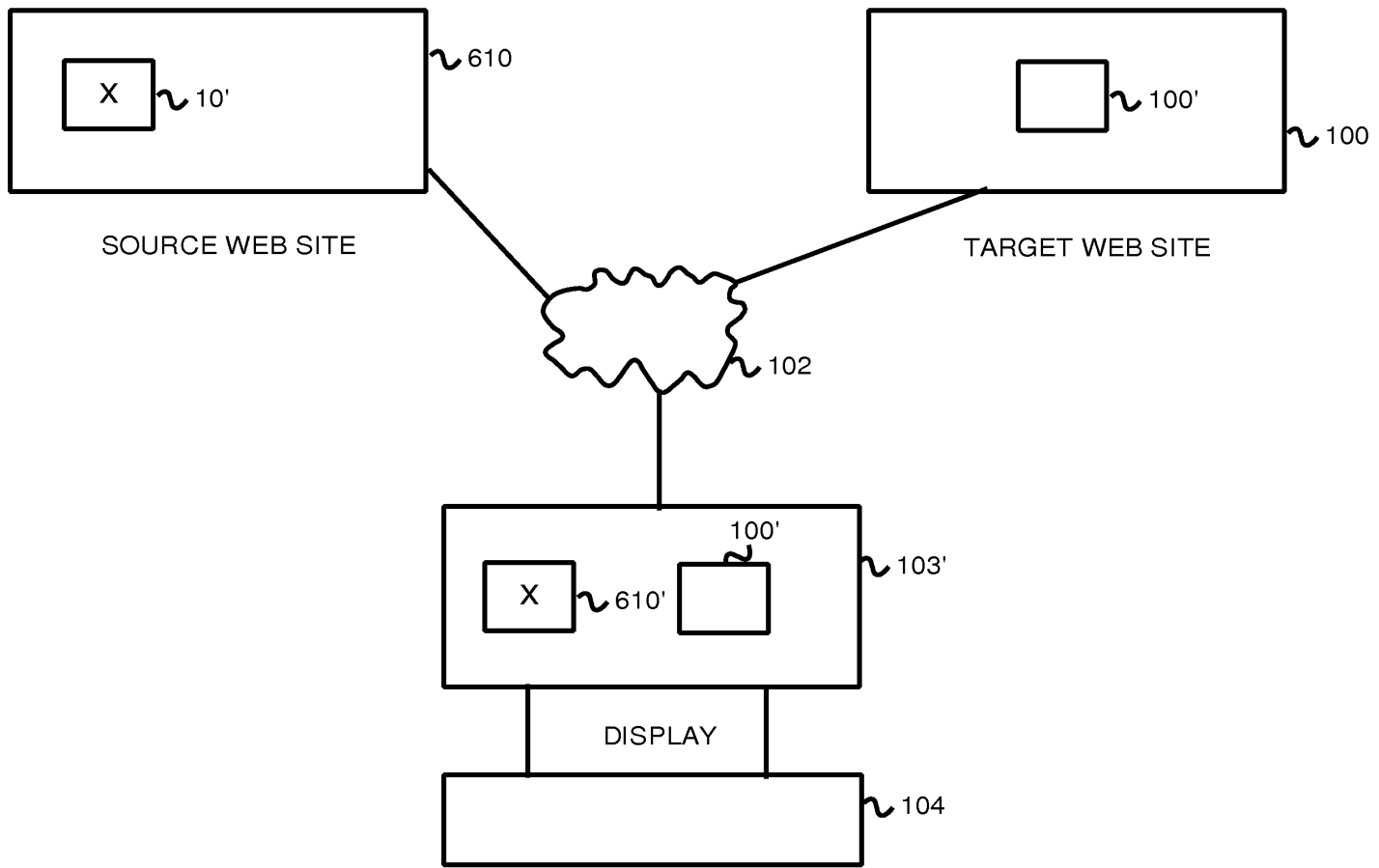


Fig. 6

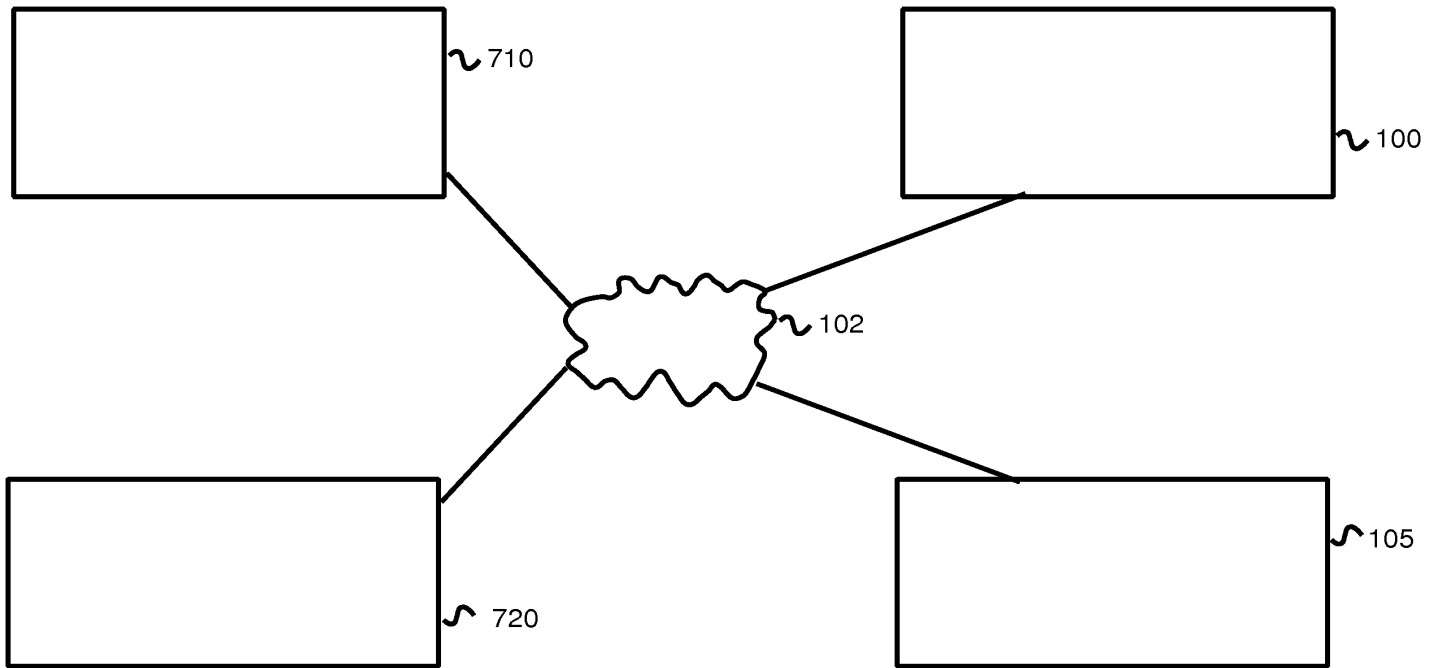


Fig. 7

Electronic Acknowledgement Receipt

EFS ID:	7951914
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	03-JUL-2010
Filing Date:	05-MAY-2010
Time Stamp:	22:26:17
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		7-3-2010_submission_of_formals.pdf	47136 <small>7eb7bd78e698185a1e1e913331761506f8a fa23e</small>	yes	5

Multipart Description/PDF files in .zip description		
Document Description	Start	End
Miscellaneous Incoming Letter	1	1
Drawings-only black and white line drawings	2	5
Warnings:		
The PDF file has been signed with a digital signature and the legal effect of the document will be based on the contents of the file not the digital signature.		
Information:		
Total Files Size (in bytes):		47136
<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

Application of: Chaganti, et al.

Application Serial No.: 12/799,945	Art Unit:
Filed: May 5, 2010	Examiner:
Title: Online Personal Library	Docket No.: PSCO-008

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the Applicants' duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby disclose that the following documents were cited or referenced in parent or co-pending applications related to this application. Examiner's attention is hereby directed to these references as shown in the attached Forms PTO-1449 (List of References cited by the Applicant) and PTO-892 (List of References Cited by the Examiner).

Copies of references can be found in the applications cited in the forms. Identification of these references should not be construed as an admission that any of the information in these references constitutes "prior art" for the purposes of the instant application. It is respectfully requested that the Examiner review the listed references and make the references of record in the file history of the instant application. No fee is believed to be due for this submission.

Respectfully Submitted,

Date: June 21, 2010

Naren Chaganti, Esquire (44,602)
713 The Hamptons Lane Reg. No.
Town & Country, MO 63017
(650) 248-7011 phone
naren@chaganti.com E-mail
One of the Applicants

Notice of References Cited	Application/Control No. 09/478,796	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner Justin T. Darrow	Art Unit 2132	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-6,005,939	12-1999	Fortenberry et al.	705/76
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					
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.

Notice of References Cited	Application/Control No. 09/478,796	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner Justin T. Darrow	Art Unit 2132	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-6,148,342 A	11-2000	Ho, Andrew P.	709/225
B	US-			
C	US-			
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Notice of References Cited	Application/Control No. 09/478,796	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner Justin T. Darrow	Art Unit 2132	Page 1 of 1

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	Examiner Gilberto Barrón Jr.	Art Unit 2132	Page 1 of 1

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	A	US-6,073,106-	06-2000	Rozen et al.	707	9X
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Notice of References Cited	Application/Control No. 09/478,796	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner Gilberto Barron, Jr.	Art Unit 2767	Page 1 of 1

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	FIRST NAMED APPLICANT NAREN CHAGANTI	
	FILING DATE JANUARY 7, 2002	GROUP 2132

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<i>DD</i>	AA	6,321,334	11/20/2001	Jerger et al.	713	200	07/15/1998
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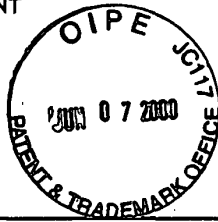
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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. PSCO-005		APPLICATION NO. 09/478,796			
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EXAMINER Justin T. Darrow			DATE CONSIDERED 12/30/2002				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PSCO-005	APPLICATION NO. 09/478,796
	APPLICANT(S) CHAGANTI, et al.	
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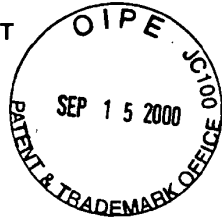
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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PSCO-005	APPLICATION NO. 09/478,796
	APPLICANT(S) CHAGANTI, et al.	
	FILING DATE January 7, 2000	GROUP 2787 2132



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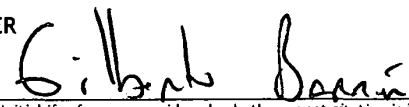
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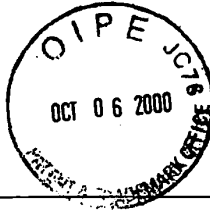
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	APPLICANT(S) CHAGANTI, et al.	
	FILING DATE January 7, 2000	GROUP 27672(32)

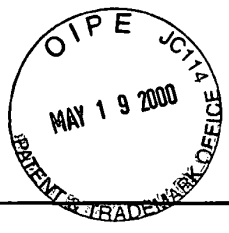


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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PSCO-005	APPLICATION NO. 09/478,796
	APPLICANT(S) CHAGANTI, et al.	
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	APPLICANT Naren CHAGANTI, et al.	
	FILING DATE 1/7/00 Even date Herewith	GROUP 2767 Not Assigned

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	NAREN CHAGANTI	
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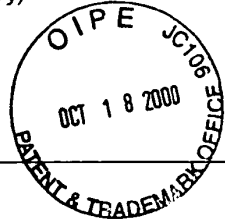
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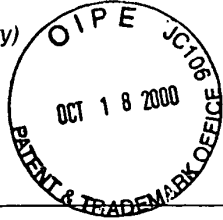


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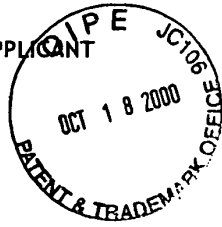


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	FILING DATE August 5, 2000	GROUP 2785 2132



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BBB	go	David Flaherty, "How to Do a Privacy and Freedom of Information Act Site Visit," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
CCC	go	Jane Elizabeth Kirtley, "Privacy and the News Media - A Question of Trust, or of Control?," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
DDD	go	Raymond Wacks, "Privacy Reconceived: Personal Information and Free Speech," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
EEE	go	Pamela W.S. Chan, "Consumer Rights and Electronic Commerce," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
FFF	go	Alan Westin, "Consumers, E-Commerce, and Privacy: US, UK and Germany," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
GGG	go	Jon Bing, "Data Protection, Jurisdiction and the Choice of Law," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
HHH	go	Graham Greenleaf, "'IP, Phone-Home' ECMS, ©-tech, and Protecting Privacy Against Surveillance by Digital Works," 21st International Conference on Privacy and Personal Data Protection, September 13-14, 1999, retrieved on 9/14/2000 from http://www.pco.org.hk/conproceed.html . ✓
III	go	Privacy Commissioner's Office - What's New, retrieved on 9/14/2000 from http://www.pco.org.hk/old_press.html , pages 1-3.
JJJ	go	Privacy Commissioner's Office - What's New, retrieved on 9/14/2000 from http://www.pco.org.hk/old_press.html , pages 1-3.

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 OCT 2 2000
 TECH. CEN. FR-2700

EXAMINER Justin T. Darrow	DATE CONSIDERED 08/05/2002
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PSCO-007	APPLICATION NO. 09/634,725
	APPLICANT(S) CHAGANTI, et al.	
	FILING DATE August 5, 2000	GROUP 2132



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AO	AA	5,428,778 A	06/27/1995	Brookes	395	600	09/13/1994
BO	BB	5,621,727 A	04/15/1997	Vaudreuil	370	60	07/07/1995
CO	CC	5,644,711 A	07/01/1997	Murphy	395	188.01	05/26/1995
	DD						
	EE						
	FF						
	GG						
	HH						
	II						
	JJ						
	KK						
	LL						
	MM						

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 OCT 30 2000
 TO 2100 MAIL ROOM

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
NN							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	OO	Chuck Moozakis, "Internet Printing Takes Hold," dated September 29, 1998, published in the Internet Week, available at http://www.internetwk.com/news0998/news092998-1.htm , provided by the Examiner in an office Action dated August 10, 2000 of a parent application.
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EXAMINER Justin T. Dawson	DATE CONSIDERED 08/05/2002
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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 JAN 21 2001
 Technology Center 2100

Notice of References Cited	Application/Control No. 10/987,917	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner Brent S. Stace	Art Unit 2161	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,269,369	07-2001	Robertson, Brian D.	707/10
*	B US-2003/0069874	04-2003	Hertzog et al.	707/1
	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				
	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.

Notice of References Cited	Application/Control No. 10/987,917	Applicant(s)/Patent Under Reexamination CHAGANTI ET AL.	
	Examiner Brent S. Stace	Art Unit 2161	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,205,478	03-2001	Sugano et al.	709/223
*	B	US-6,496,849	12-2002	Hanson et al.	709/200
*	C	US-6,005,939	12-1999	Fortenberry et al.	705/76
*	D	US-5,510,777	04-1996	Pilc et al.	340/5.27
*	E	US-5,247,672	09-1993	Mohan, Chandrasekaran	711/152
*	F	US-5,832,508	11-1998	Sherman et al.	707/200
*	G	US-6,073,106	06-2000	Rozen et al.	705/3
*	H	US-6,487,552	11-2002	Lei et al.	707/4
*	I	US-4,956,769	09-1990	Smith, Robert D.	707/9
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	United State Patent and Trademark Office, Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility, 10-2005, p. 20 and p. 21
	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.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. PSCO-005		APPLICATION NO. Not Assigned		
				APPLICANT Naren CHAGANTI, et al.				
				FILING DATE Even date Herewith		GROUP 2161		Not Assigned
U.S. PATENT DOCUMENTS								
EXAMINER'S INITIAL	CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
B.S.	AA	6,005,939	12/21/99	Walker, et al.	360	21	12/6/96	
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							
	AN							
	AO							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AP							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ							
	AR							
EXAMINER Brent Stace				DATE CONSIDERED 11/16/05				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

Electronic Acknowledgement Receipt

EFS ID:	7852297
Application Number:	12799945
International Application Number:	
Confirmation Number:	5345
Title of Invention:	Online personal library
First Named Inventor/Applicant Name:	Naren Chaganti
Customer Number:	24490
Filer:	Naren Chaganti
Filer Authorized By:	
Attorney Docket Number:	PSCO-008
Receipt Date:	21-JUN-2010
Filing Date:	05-MAY-2010
Time Stamp:	11:00:01
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)	ids.pdf	39739 f8e5c194efb33c53789e12e693074a9a691e e1ed	no	1

Warnings:

Information:

This is not an USPTO supplied IDS fillable form					
2	1.501 Submission by Patent Owner	references_09478796.pdf	604777 c9ac3b582928081e5a156e56a7c82e718146c6c9	no	16
Warnings:					
Information:					
3	1.501 Submission by Patent Owner	references-09634725.pdf	587871 66251fd021e5d7d97835e935cc9b2c0eb36dca33	no	16
Warnings:					
Information:					
4	1.501 Submission by Patent Owner	refernces_10987917.pdf	91152 49a630b818dd5beeb014d95031f366607c43682f	no	3
Warnings:					
Information:					
Total Files Size (in bytes):			1323539		
<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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**NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY MO 63017**

MAILED

MAY 16 2010

OFFICE OF PETITIONS

In re Application of	:	
Chaganti et al.	:	
Application No. 12/799,945	:	ON PETITION
Filed: May 5, 2010	:	
Attorney Docket No. PSCO-008	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed May 5, 2010, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required.

The instant petition includes a statement by the applicant's attorney that applicant is 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-7751. All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

This application is being referred to the Office of Patent Application Processing for further processing in accordance with this decision on petition.

Joan Olszewski
Petitions Examiner
Office of Petitions



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

Table with 4 columns: APPLICATION NUMBER (12/799,945), FILING OR 371(C) DATE (05/05/2010), FIRST NAMED APPLICANT (Naren Chaganti), ATTY. DOCKET NO./TITLE (PSCO-008)

CONFIRMATION NO. 5345

FORMALITIES LETTER

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017



Date Mailed: 06/02/2010

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.

- The oath or declaration does not cover the newly submitted items. 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.

Items Required To Avoid Processing Delays:

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

- A new oath or declaration, identifying this application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it: does not identify the complete mailing or post office address of each inventor.

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://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

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

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

/zabraha/

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



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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 12/799,945, 05/05/2010, 2132, 545, PSCO-008, 8, 1

CONFIRMATION NO. 5345

24490
NAREN CHAGANTI
713 THE HAMPTONS LANE
TOWN & COUNTRY, MO 63017

FILING RECEIPT



Date Mailed: 06/02/2010

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)

Naren Chaganti, Palo Alto, CA;
Damayanti Changanti, Palo Alto, CA;
Sitapatl Rao Changanti, Palo Alto, CA;

Power of Attorney:

Naren Chaganti--44602

Domestic Priority data as claimed by applicant

This application is a CON of 09/634,725 08/05/2000
which is a CIP of 09/478,796 01/07/2000 PAT 6,845,448

Foreign Applications

If Required, Foreign Filing License Granted: 05/21/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/799,945

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Online personal library

Preliminary Class

713

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.

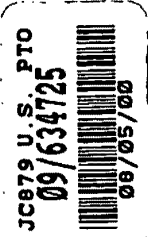
NOT GRANTED

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).

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.



Application No.:	Group Art Unit:
Filed: August 5, 2000	Examiner:
For: ONLINE PERSONAL LIBRARY	Attorney Docket No.: PSCO-007

PETITION TO MAKE SPECIAL UNDER 37 CFR 1.102(c)

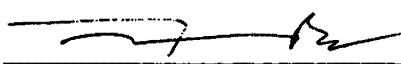
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

It is respectfully requested that the above-referenced application be advanced for out of turn examination due to the age of the inventor. One of the inventors of the application, Mr. Sitapathi Rao Chaganti, was born on August 1, 1931, and is currently of more than 65 years of age. A copy of pages from Mr. Chaganti's passport evidencing his age is enclosed herewith. It is therefore requested that the present petition to make the application special be granted. No fee is believed to be due for this petition.

Respectfully submitted,

Date August 5, 2000

 44,602

Naren Chaganti (Reg. No.)
524 Kendall Ave, #5
Palo Alto, CA 94306
(650) 813-9932

Enclosures

RECEIVED
FEB 28 2001
Technology Center 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

S.No. 09/634,725	ART UNIT: 2132
FILED: AUGUST 5, 2000	EXAMINER: BENJAMIN LANIER
TITLE: ONLINE PERSONAL LIBRARY	DOCKET NO: PSCO-007

RESPONSE TO OFFICE ACTION DATED 4/22/2010

ASSISTANT COMMISSIONER FOR PATENTS
M.S. AF
P.O. Box 1450
Alexandria, VA 22313-1450

Sir,

This is a response to the Office Action dated 4/22/2010, in which Examiner has indicated that claims 24-28 are allowable. This Amendment cancels the remaining claims so that the Application is in a condition for allowance without further examination. This paper also corrects certain language informalities in a claim and does not introduce any new matter. Further this document and seeks a change of inventorship and change in the Abstract.

In this paper, "Claim Amendments" start at page 2, a "Clean Copy of the Currently Pending Claims" starts at page 9, and "Remarks" section starts at page 12.

Claim Amendments

1. (previously canceled without prejudice)

2. (previously canceled without prejudice)

3. (previously canceled without prejudice)

4. (presently canceled without prejudice) ~~A method of creating an online library on a server computer coupled to the Internet, the method comprising the steps of:~~

~~allocating a first storage area coupled to the server computer, the storage area being configured to hold one or more information objects for a plurality of users, said one or more information objects including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;~~

~~transmitting an information object for storage in the first storage area;~~

~~storing the information object in the online library; and~~

~~permitting access of the information object by a requester operating a second computer.~~

5. (presently canceled without prejudice) ~~The method of claim 4 further comprising the step of:~~

~~authenticating the requester based on (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the requester, (d) the requester's a password, (e) the Internet address of a device used by the requester, or (f) the time of day or day of week of the requester's request.~~

6. (presently canceled without prejudice) ~~The method of claim 4 further~~

comprising the step of:

~~permitting restrictive access to the information object by the requester based on whether the requester is authorized to view, modify, edit, add to, or delete a particular portion of the information object to which access is provided.~~

7. (presently canceled without prejudice) ~~The method of claim 4 wherein the transmitting step comprises the step of:~~

~~transmitting the information object to the first storage area by using any one or a combination of the methods of (1) E-mail, (2) remote copy program (rep), (3) hyper text transfer protocol (HTTP), (4) file transfer protocol (ftp), (5) Unix-to-Unix-Copy program (UUCP), (6) cutting-and-pasting, (7) copying-and-pasting, and (8) dragging-and-dropping.~~

8. (presently canceled without prejudice) ~~The method of claim 4 wherein the transmitting step comprises the step of:~~

~~directing a third party to transmit a digital item to the online library.~~

9. (presently canceled without prejudice) ~~The method of claim 8 wherein the directing step comprises the step of:~~

~~authorizing the third party to access the online library.~~

10. (presently canceled without prejudice) ~~The method of claim 4 wherein the transmitting step comprises the step of:~~

~~transmitting the information object upon (a) selecting an area on a web browser; (b) clicking on an area in a web page; or (c) uploading.~~

11. (presently canceled without prejudice) ~~The method of claim 4 further comprising the step of:~~

automatically increasing the amount of in the first storage area if an information object requires more storage space than was allocated.

12. (presently canceled without prejudice) The method of claim 4 further comprising the step of:

scanning the information object for viruses; and

if the information object contained a virus, then (a) discarding the information object or (b) removing the virus from the information object prior to storing the object in the library.

13. (canceled)

14. (canceled)

15. (presently canceled without prejudice) A method of securely distributing a first party's personal information, the method comprising:

storing the first party's personal information on a server computer connected to the Internet, said first party's personal information comprising at least one of a plurality of information objects, said at least one of a plurality of information objects including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

associating with each information object at least one of a plurality of security clearance levels, said security clearance level being assignable to each information object at any granularity, thereby enabling access to selected portions of the stored first party's personal information;

receiving from a requester executing on a second computer, a request to access the first party's personal information, said request accompanying an authorization key to

access the first party's personal information;

selecting a first portion of the first party's personal information authorized to be transmitted to the requester, said selection being made in accordance with one or more selection criteria established by the first party;

determining the second computer's formatting requirements via a handshaking protocol;

formatting a response according to a format acceptable to the second computer;

and

transmitting the formatted response.

16. (presently canceled without prejudice) The method as in claim 15, wherein the step of formatting a response comprises the step of:

configuring the response message in a manner suitable for delivery to the requester's device.

17. (presently canceled without prejudice) The method as in claim 15, wherein the step of formatting a response comprises the step of:

selecting a suitable format from a selection of available formats.

18. (presently canceled without prejudice) The method as in claim 15, wherein the step of formatting a response comprises the step of:

using stored rules to format a response message.

19. (presently canceled without prejudice) The method as in claim 15, wherein the step of formatting a response comprises the step of:

selecting a specified data communication protocol for transmission.

20. (presently canceled without prejudice) The method as in claim 15, wherein the

~~step of formatting a response comprises the step of:~~

~~encrypting or translating the response.~~

21. (withdrawn)

22. (withdrawn)

23. (withdrawn)

24. (previously presented) A method of providing online library services to a plurality of users by a service provider operating a server computer connected to the Internet, said server computer configured to hold digital items for each of the plurality of users, said each of the plurality of users having an account with optional password-protection on said account with the server computer, the method comprising the steps of:

allocating storage to store a first user's information as the user's online library;

assigning an address for the first user's online library;

receiving the first user's account information;

optionally, receiving authorization information for the first user's account;

receiving a digital item;

storing the digital item in the first user's online library;

if the digital item is copyright-protected, then

receiving license information for the digital item;

storing the license information along with the copyright-protected digital item in the first user's online library;

examining the license information for the copyright-protected digital item to determine a number (N, where $N \geq 1$) of simultaneous users who could access the copyright-protected digital item; and

allowing no more than N simultaneous users to access the copyright-protected digital item.

25. (previously presented) The method of claim 24, wherein the digital item is a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, a Compact Disc, or a movie.

26. (previously presented) The method of claim 24, wherein the step of receiving license information comprises the step of:

receiving license information, said license information indicating that the license is for access of the digital item for a predetermined time (ζ);

permitting access the digital item in accordance with the time constraint imposed by the license information; and

disabling access to the digital item upon expiration of the predetermined time (ζ).

27. (presently amended) The method of claim 24, wherein the step of allowing no more than N simultaneous users to access the copyright-protected digital item comprises the step of:

receiving a requester from n requesters to access a copyright-protected digital item having N (where $N \geq 1$) licenses;

allowing each of the n (where $n \leq N$) requesters to access the digital item for a predetermined period of time (τ);

locking the digital item from access by the remaining ($n > N$) requesters during the time (τ) the digital item is accessed by those users who are permitted to access the digital item; and

optionally, establishing a waiting list for each of the remaining ($n > N$) requesters.

28. (previously presented) The method of claim 27, further comprising the step of:
when one of the N licenses becomes available, permitting one of the requesters on
the waiting list to access the digital item.

Clean Copy of the Currently Pending Claims

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (canceled)
16. (canceled)
17. (canceled)
18. (canceled)
19. (canceled)
20. (canceled)
21. (withdrawn)
22. (withdrawn)

23. (withdrawn)

24. (previously presented) A method of providing online library services to a plurality of users by a service provider operating a server computer connected to the Internet, said server computer configured to hold digital items for each of the plurality of users, said each of the plurality of users having an account with optional password-protection on said account with the server computer, the method comprising the steps of:

allocating storage to store a first user's information as the user's online library;

assigning an address for the first user's online library;

receiving the first user's account information;

optionally, receiving authorization information for the first user's account;

receiving a digital item;

storing the digital item in the first user's online library;

if the digital item is copyright-protected, then

receiving license information for the digital item;

storing the license information along with the copyright-protected digital item in the first user's online library;

examining the license information for the copyright-protected digital item to determine a number (N, where $N \geq 1$) of simultaneous users who could access the copyright-protected digital item; and

allowing no more than N simultaneous users to access the copyright-protected digital item.

25. (previously presented) The method of claim 24, wherein the digital item is a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of

audio, a video clip, a Compact Disc, or a movie.

26. (presently amended) The method of claim 24, wherein the step of receiving license information comprises the step of:

receiving license information, said license information indicating that the license is for access of the digital item for a predetermined time (ζ);

permitting access the digital item in accordance with the time constraint imposed by the license information; and

disabling access to the digital item upon expiration of the predetermined time (ζ).

27. (presently amended) The method of claim 24, wherein the step of allowing no more than N simultaneous users to access the copyright-protected digital item comprises the step of:

receiving a request from n requesters to access a copyright-protected digital item having N (where $N \geq 1$) licenses;

allowing each of the n (where $n \leq N$) requesters to access the digital item for a predetermined period of time (τ);

locking the digital item from access by the remaining ($n > N$) requesters during the time (τ) the digital item is accessed by those users who are permitted to access the digital item; and

optionally, establishing a waiting list for each of the remaining ($n > N$) requesters.

28. (previously presented) The method of claim 27, further comprising the step of:

when one of the N licenses becomes available, permitting one of the requesters on the waiting list to access the digital item.

REMARKS

This is a response to the office action dated April 22, 2010. Applicants acknowledge and appreciate the indication that Claims 24-28 are allowable. In order to facilitate early allowance, Applicants have canceled the remaining claims without prejudice and elect to prosecute them in a continuing application.

Telephone Interview with Examiner

Applicants thank Examiner Lanier for the courtesies shown during telephone interview on May 4, 2010. Applicants informed Examiner of their intent to file an amendment after final deleting all claims except for the allowed claims, and to simultaneously file a continuing application to prosecute the rejected claims. Applicants briefly discussed Fu with Examiner and notified that certain features of Claim 7 were neither disclosed nor rendered obvious by anything stated in Fu.

Change of Inventorship

In light of the fact that only claims 24-28 remain in this application, please delete all named inventors except Naren Chaganti.

Change to the Abstract

Please delete the presently described language in the ABSTRACT section and replace it with the following:

“A method of sharing copyright-protected digital item with a group of users over the Internet, the method comprising the steps of receiving a copyright-protected digital item along with license information, storing the license information and the digital item on a server computer, and permitting no more than the number of users permitted by the license information.”

Amendment to Claim 27

Claim 27 is amended to correct minor language informalities and to place the application in a condition for allowance.

In the fourth line, is amended to remove the language informality that stated:

--receiving a requester from n requesters--

to recite

“receiving a request from n requesters”.

This change does not add any new matter. Examiner is respectfully requested to review and enter this amendment.

In the sixth line, the following change is made:

--allowing each of the $n \leq N$ requesters--

is changed to recite

“allowing each of the n (where $n \leq N$) requesters”

This clarifies the intention that the lower case “n” is the variable number of requesters and that if the number n is less than equal to N (the number of licenses) all the requested n requesters could access the digital item, but if the number of requesters “n” is greater than the number of available licenses N, then the remaining requesters ($n > N$) are optionally placed on a waiting list for one of the N licenses to be made available.

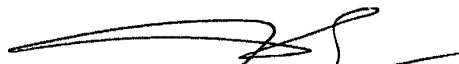
This change does not add any new matter. Examiner is respectfully requested to review and enter the amendment. No fee is believed to be due with this Amendment.

Conclusion

In light of the claim amendments, no further examination is believed to be necessary. An early notice of allowance is requested. No fee is believed to be due with this paper.

Respectfully Submitted,

Date: May 5, 2010


S/Naren Chaganti (44,602)
Naren Chaganti
713 The Hamptons Lane,
Town & Country, MO 63017
(650) 248-7011 phone

One of the Applicants

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I certify that on the date shown below I filed this paper (as well as the referenced attachments) by the following method:

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Date: May 5, 2010


S/Naren Chaganti (44,602)
Naren Chaganti

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

05/07/2010 HDESTA1 00000011 12799945

01 FC:2011	165.00	OP
02 FC:2111	270.00	OP
03 FC:2311	110.00	OP

PTO-1556
(5/87)

*U.S. Government Printing Office: 2002- 489-267/69033

Filing Date: 050510

Approved for use through 7/31/2006. OMB 0651-0032

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	12/799,945
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APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)
FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))		
SEARCH FEE (37 CFR 1.16(k), (l), or (m))		
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		
TOTAL CLAIMS (37 CFR 1.16(i))	5	minus 20 =
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 =
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 1.16(s).	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

SMALL ENTITY	
RATE (\$)	FEE (\$)
	165
	270
	110
X 26 =	
X 110 =	
N/A	
TOTAL	545

OTHER THAN SMALL ENTITY	
RATE (\$)	FEE (\$)
X 52 =	
X 220 =	
N/A	
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	Minus **	=
	Independent (37 CFR 1.16(h))	Minus ***	=
	Application Size Fee (37 CFR 1.16(s))		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			

SMALL ENTITY	
RATE (\$)	ADDI-TIONAL FEE (\$)
X =	
X =	
N/A	
TOTAL	
ADD'T FEE	

OTHER THAN SMALL ENTITY	
RATE (\$)	ADDI-TIONAL FEE (\$)
X =	
X =	
N/A	
TOTAL	
ADD'T FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(i))	Minus **	=
	Independent (37 CFR 1.16(h))	Minus ***	=
	Application Size Fee (37 CFR 1.16(s))		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			

SMALL ENTITY	
RATE (\$)	ADDI-TIONAL FEE (\$)
X =	
X =	
N/A	
TOTAL	
ADD'T FEE	

OTHER THAN SMALL ENTITY	
RATE (\$)	ADDI-TIONAL FEE (\$)
X =	
X =	
N/A	
TOTAL	
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.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

1. Naren Chaganti
2. Damayanti Chaganti
3. Sitapathi Rao Chaganti

Docket Number: PSCO-008

TITLE: ONLINE PERSONAL LIBRARY

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

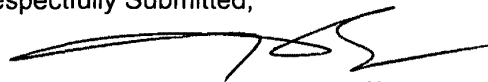
Enclosed are the following papers (copied from a prior application) relating to the above-named application for patent:

1. Specification (38 pages)
2. Claims (20 total claims, 3 independent claims)
3. 8 sheets of drawings(s) containing 7 figures.
4. Declaration and Power of Attorney (4 pages)
5. Petition to make Application Special (supporting information filed in parent case)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	TOTAL
Total Claims	20 - 20	0	x \$26	\$0
Independent Claims	3 - 3	0	x \$110	\$0
Basic Filing Fee (Electronic Filing Fees)			\$165	\$165
Search Fees			\$270	\$270
Examination Fees			\$110	\$110
Total Filing Fee				\$545

Please file the patent application. This is a **continuation** application of currently pending application **S. No. 09/634,725** filed **August 5, 2000**, which is a continuation-in-part of the application **S. No. 09/478,796** filed **January 7, 2000**, which is currently issued as patent no. 6,845,488 B1. A credit card authorization for **\$545** is enclosed. Duplicate copies of this letter are enclosed. Please address all correspondence to Customer Number **24490**. Telephone calls should be made to (650) 248-7011.

Respectfully Submitted,



(44,602)

Naren Chaganti
One of the Applicants

Reg. No.

Date:

SN54510926E93

ONLINE PERSONAL LIBRARY

CROSS-REFERENCE TO RELATED APPLICATIONS

5 This is a continuation-in-part application of the commonly-owned application Ser. No. 09/478,796 filed January 7, 2000, now pending.

TECHNICAL FIELD

10 This invention is related in general to electronic information repositories, and in particular, to an online personal library.

BACKGROUND

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The public interconnected computer networks—commonly called the Internet and colloquially called the web—have made possible a number of applications that were hitherto unthinkable. In general, a user visits web pages using a browser program executing on a client computer. When the user visits a web page, a document such as a news article, a downloadable file such as an e-book, downloadable software programs such as those available at www.shareware.com, a piece of music, a graphical image or other such object that is of interest, it may be a case that the user prefers to read or refer to the object at a later date. Currently the user has several choices—he can print the web page, download the page to his client computer, or make a book mark to enable an easy return to the web site for reference at a later date. But there are problems with each of these methods.

25 Printing every web page that is of interest quickly becomes unmanageable. A product called SurfSaver™ is a browser add-on, which lets a user to store Web pages directly from the browser into searchable folders on the user's client computer. While SurfSaver™ can be used to organize and search the information the user gathers on the Internet, it requires the user to download software to the client computer and create an information store for web pages downloaded to the client computer. But such downloading of web pages, documents, or files may consume significant resources on the client computer, and these downloaded web pages or
30 files may not be readily available in a form that can be shared by others.

Book marking the web page or the location is a better solution than the above two methods. A typical bookmark comprises a location or address, usually specified in a Universal Resource Locator format, and a mnemonic so that the user remembers what information is stored at the location. In general, the browser program stores bookmarks in a special "book mark" file on the client computer. The location of this bookmark file is typically known to the browser, which loads the contents of the file and presents the bookmarks to the user when he makes an appropriate selection on the browser. Examples of such book marking methods are found in the commercially available browser programs such as Internet Explorer™, in which program the bookmarks are called "Favorites."

Often, it is the case that either the bookmarks are too many or they become "stale." Bookmarks become stale when a site to which the bookmark points no longer hosts the web page addressed by the bookmark. The user, who depended on the availability of the information online, is now left with a bookmark that does not point to useful data.

Additionally, sharing information with others either in a controlled manner or with a widespread audience is becoming an increasing need. Sharing information that is restricted as to the number of copies that can be made without infringing an author's or a publisher's rights is becoming important. There is a need, therefore, for a method and system to improve the state of the art to address these and other issues.

SUMMARY

The present invention is related to online repositories, which are described in U.S. Patent Application Ser. No. 09/478,796 filed January 7, 2000, which disclosure is incorporated herein by reference in its entirety. A description of electronic message handling systems is provided in the Masters thesis by Naren Chaganti, "Integrating Electronic Message Handling Systems with Databases: A Security Perspective", submitted to the Faculty of Computer Science Engineering at The University of Texas at Arlington, Texas, May 1992, which is incorporated by reference in this disclosure in its entirety.

In one aspect, the present invention allows a user to create an online personal library for storage of digital items. As used in this application, an "item" or a "digital item" is any piece of analog or digital information such as a web page, data, a document such as a news article, word

processor document, spread sheet, presentation, e-book, software programs, music, video, movie, a graphical image such as a photograph, a three-dimensional image, or a similar thing.

Two different roles for a person are envisioned to describe the principles of the present disclosure. They are: (1) a "user," who is a person or a computer program that creates or effectively "owns" the online personal library; and (2) a "requester", who is a person or a computer program that accesses the information stored in the personal library established by the user. Further, there is a service provider, which could be a person, a company or a computer program that establishes a server computer ("server") and allows users to use the server to create, maintain and operate the personal library. The service provider is not an essential entity to enable the principles of the present invention. The user and the requester may be the same entity, but performing different roles. Alternatively they could be separate entities.

The present invention is also directed toward a method and system for gathering, storing personal information on a server computer and releasing such information to authorized requesters. Several types of information are stored for release to different entities with appropriate authorization.

In one embodiment, the present invention is directed toward a method of for automatically disbursing personal information belonging to a user to a requester that is authorized by the user by transmitting said personal information from a server computer operated by a service provider, said server computer coupled to a database, the method comprising the steps of establishing an account for the user with the server computer; assigning an identifier to the user; entering personal information belonging to the user, said personal information comprising at least one of a plurality of information objects; assigning at least one of a plurality of security levels to each information object; storing in the database the user identifier, the information object and the security level assigned to the information object; receiving a request message from the requester, said request message comprising at least the user identifier; retrieving from the database the information object pertaining to the user identifier; securely transmitting the information object to the requester. In a further aspect, the invention comprises the steps of presenting an authorization by the requester; and verifying the requester's authorization.

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Further, any modifications, updates, or changes are automatically notified to any authorized requesters. The requester optionally provides information about to whom and where to notify changes, such as address changes. Sending a message to an electronic mail box can accomplish such change notification function. In a preferred embodiment, a frequent
5 unauthorized requester of information can be tagged as "junk" requester, to whom no further information will be released.

In another aspect of an embodiment, a user creates the online personal library on a server connected to a data communication network such as the Internet. In alternative embodiments, the user may subscribe to a service provided by an online service provider. In an embodiment,
10 the user allocates a pre-determined amount of storage space on a storage device such as a hard disk. The user can increase this storage space as required. Alternatively, the server is preprogrammed to automatically increase the allocated space as the need arises, or after the user pays a subscription fee or a one-time fee for the space.

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When such extra space is allocated, in one embodiment, the user is physically allocated the extra storage space for use to create or expand his library that could be accessed by requesters. In some embodiments, a program limiting the user to use only certain storage space is reprogrammed so that the user is allowed to use a larger space for the library. In one case, the user may control the way in which the library is created; requesters may merely use the library according to the schema established by the user. Alternatively, the user may allow a requester to alter the schema as well.

The storage space may be contiguous space in one physical device, or it could be distributed over a large number of physically separate disks that are accessible to the user over a network such as a Local Area Network, a Wide Area Network or a public data network. In case
25 where the storage space is distributed over several physical devices, a controller—which could be a computer program—allows the user to access such distributed storage space in a transparent manner so that the user or requesters that access the library are unaware of the particular fashion in which the data are stored in a distributed manner over the network.

The library may be partitioned to have a number of directories and sub-directories, identified by labels or icons. The labels or icons may be implemented as hyper links. Each
30 directory or sub-directory can be either visible or invisible, or can be separately protected by a

password or other device. In order to establish this method of protection, the library schema advantageously uses a plurality of levels, at least one of the pluralities of levels to be allocated to each piece of data, at a fine granular level.

Once the user establishes a space to hold information, the server computer may assign an address—such as an Internet address in a dotted-decimal form or in an alphanumeric format, for example, <http://library.serviceprovider.com> or library@serviceprovider.com—to the online library. This Internet address identifies the library to a user that subsequently accesses the library. The user then is allowed to upload digital items to the library from any computer such as his client computer. The user may direct a third party to transmit a digital item to the user's library by giving the third party his library's identifier. For example, the user may request a service such as e-books or other type of service by providing an identifier of the digital item, a destination address, which is a library address, an account name, and/or other required identifying or authorizing information such as a password if necessary. The user or the third party may then manually or via an automatic process send the digital item to the library via methods to transmit data such as E-mail, hyper text transfer protocol, file transfer protocol, Unix-to-Unix-Copy program (UUCP), or by dragging and dropping the digital item into the library.

When a requester's device accesses the server, the requester's device may first establish a connection, and make a request for a digital item stored in the library. This may happen by sending a packet of data containing a request message to the server. In one embodiment, the requester's identifying information is presented to the server in the packet or in a second packet. In response, the server may verify the requester's identification information against stored information in a database coupled to the server. Thereafter, the server may deliver the requested digital item to the requester's device, or any other device designated by the requester. In the case the digital item is delivered to a different device, the server may disconnect the requester's device, and thereafter establish a second connection with the designated device to deliver the requested digital item.

Depending on the security level of the requester, or security level of a password that the requester provides, or the type or address (such as an Internet address) of a device used by the requester, the time of day, the day of week, or other criterion established by the user, the requester is authorized to view or access a particular portion of the library. This authorization

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may enable the requester to perform a selection of such tasks as, in the case of a document, insert, delete or modify text, images or an audio clip, underline text, highlight or make margin notes with or without a digital signature, and the like, if the requester is permitted or authorized to do so. As stated above, the authorization can be separately provided or could be encoded in the type of password provided to the requester. Under this selective authorization scheme, a requester may be given only a subset of the available permissions to perform operations—i.e., the requester may be allowed only to view but not edit a document; only to add to but not delete from a video clip; only to make margin notes on a document but not change or underline the original text; make changes that are visible only to a select group of persons; and other similar tasks. When a requester edits a document, all other persons in the select group are automatically notified that a change has been made. In one embodiment, the changes are downloaded to the devices specified—if any—by the group. In other embodiments, the notified persons may subsequently access and retrieve the document to view or further edit the document, or provide a signature of approval or disapproval and store it in the library. In this manner, a document may be placed online, edited by one or more requesters, viewed or approved by others with secure digital signatures without the need to meet each other face-to-face.

The present invention may also be used to distribute information to a group of persons—either a closed subset of known persons or a larger audience on the network—without violating any copyright or other restrictions on items. Where an item is copyrighted, or otherwise restricted as to the number of requesters that can simultaneously use, or download the item, a locking mechanism is invented. As an example, if an item has a single-user license—such as the type of license one normally obtains by purchasing a book, a video tape, or a music CD—and if a first requester accesses the item from the library, the item is “locked” whereby subsequent requesters are prevented from using it. In this case, the requester is given a period of time in which to return the item, or a reminder is sent to the requester for returning the item after use. In other embodiments, the requester may check out the item for a predetermined time, for example, one day. The library will establish an expiration date on the item itself before the item is downloaded. Thus, when the requester attempts to use the item beyond the previously established time period, the item will not be accessible, since the usage period has expired. An embodiment uses a semaphore to establish this locking mechanism. Another embodiment uses a

semaphore coupled with a digital counter that can be decremented with each requester access. Other embodiments are also possible.

In cases where a requester accesses an item that is restricted as to the number of simultaneous requesters, for a subsequent requester, the item will be shown as available in the library, but "checked out" by another requester. Further, a second requester may enlist his name or address in a "waiting list," indicating to the library that he preferred to be notified at the address when the item is released or checked in by the requester that is currently using the item. This method can be used to allow a few licenses purchased for a popular music or video item to be shared by a number of requesters by placing the licenses in a pool that can be accessed by a larger audience.

In order to enable requesters to access multiple copies, a third-party user—i.e., one that is not the user that created the library—may "donate," "sell," "assign," or otherwise "contribute" his license to the library for a limited time or for an unlimited time. For example, a holder of a license can transmit his license code to the personal library, which license code can be stored in a license database coupled to the library, thereby allowing the library to provide access to as many persons as the licenses allow. In one embodiment, a license contributed by the third party user may expire after a predetermined time. In this case, a software process—such as a timer process—may be activated to periodically check for any expiration time and disable the enabled license.

Other methods of pooling licenses can be devised to share rights to use the restricted digital item. Suppose a digital item has a single-user license and is loaded to a third party user's personal computer. The third party user's computer is connected to a network or otherwise communicatively coupled to the server. When a requester wishes to access the restricted digital item, the server locks a copy of the item on the third party user's personal computer and allows the requester to use the digital item for a predetermined time. The server may accomplish this locking by downloading a plug-in, an applet or a client program to the client computer, which program establishes the lock either by making the license inaccessible to any other user, or by physically removing the license file from the client computer for the duration. Such license-pooling method may include a method of locking copies of a restricted digital item distributed over the Internet.

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Suppose a requester accesses the library using a device that is capable of retrieving and using a digital item without any need for further formatting, the digital item is downloaded to the device directly. When, on the other hand, a requester's device requires further formatting, software resident on the server computer or the device may initiate a handshaking protocol to establish the type of formatting required. For example, the requester's device may be capable of handling only a text-based interface, only a certain types of images such as only MPEG images, has a limited storage capability, or a limited viewing area. The requester's device may have other limitations on resources such as size and type of memory device; attached or attachable storage devices; input/output capability such as pointing device; voice recognition; text-to-speech capability; video input/output capability; numeric or alphanumeric keyboard; processing power; type of operating environment; whether or not a downloaded item can be locally executed; type of encryption/decryption; type of data communication or other protocol handled; file types; type and size of the viewing area or the like. In this case, the server determines the appropriate protocol that can be used and formats the digital item to fit the device that accesses the information. In an embodiment, the server formats the content appropriately to fit the requirements of the requester's device. To accomplish this, the server may have a formatter program that formats the digital item before downloading. In such cases, the server preferably has a database of required formats specified, and stored rules for formatting. In case a different data communication protocol is to be used to enable the requester device to access a requested digital item, the server may select an appropriate protocol translator—the server invokes the selected translator, inputs the digital item to the selected translator, and directs the output to the requester's device.

In other embodiments, for example, where the requester's device accesses the server to download the digital item for storage and later use, there may not be any need for pre-formatting by the server; the item can be downloaded and the requester may perform the translation locally at the client. The requester in this case may access the digital item from the server and translate it into a required local format after downloading an appropriate translator from either the server or a third-party supplier. In further alternative embodiments, the digital item may be delivered to the requester device via a streaming technique, by streaming video or audio to the device, if the requester device is suitably equipped.

BRIEF DESCRIPTION OF THE DRAWINGS

5 These and other objects, features and advantages of the present invention will be more readily understood in the following detailed description of the preferred embodiments and the appended claims with a reference to the drawings, where like numbers indicate like parts in the several views shown, and in which:

FIG. 1 depicts an architecture comprising a server computer 100, a user computer 104 and a requester computer 106 communicatively coupled to a communication network 102;

10 FIG. 2 is a flow chart of steps included in a preferred embodiment;

FIG. 3 is an illustrative web page for a user enrollment;

FIG. 4 illustrates a web page that allows a user to create an entry for an online library;

FIG. 5 depicts an example of the contents of a request message to add an item to an online library;

FIG. 6 is an architecture illustrating the act of dragging and dropping a digital item X from a source computer 610 to a target computer 100; and

FIG. 7 shows an exemplary architecture of a number of computers engaged in license-pooling.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

15 Referring to FIG. 1, a server computer 100 configured in accordance with the principles of the present invention is communicatively coupled to a communication network 102 such as the Internet. Also coupled to the communication network 102 is a user 103 operating a user computer 104 and a requester 105 operating a requester computer 106.

25 The server computer 100 illustratively comprises a microprocessor such as a Compaq® Alpha™ microprocessor, a disk drive, a memory such as a semiconductor memory, and runs an operating system such as Windows-NT™ or Linux. The server computer 100 is additionally equipped with a data communications device such as a 3-COM™ network card to connect to the network 102. In general, the connection to the network 102 can be established via an Internet

Service Provider (ISP) or a direct connection. In a preferred embodiment, the server computer 100 is connected to the network 102 via a high-speed connection such as Digital Subscriber Line.

The server computer 100 is configured to function as a web server. The web server is typically a general purpose computer such as the server computer running software to interface with the Internet using sockets. Commercial suppliers such as Netscape® Corporation of Sunnyvale, California make available such web server software. Additionally, such web server software can also be downloaded and configured free of charge from some sources such as Apache.

Additional programs such as Common Gateway Interface (CGI) programs 107 reside on the server computer. The CGI programs 106 provide for communication and interaction between a user computer 104 and the server computer 100 via the network 102. These CGI programs 107, coupled with data communications software programs, are configured to receive packets of messages from computers connected to the network 102, decipher the information in the packets, and act according to instructions provided in the packets within the constraints imposed by an administrator managing the server computer 100.

In addition to performing the tasks of receiving and sending packets of data from and to the computers connected to the Internet, the CGI programs 107 are configured to perform other tasks such as communicate with a database 108 coupled to the server computer 100, and extract or store information in the database 108 according to the software instructions provided within the server computer 100 or in the packets received from the network 102. Persons skilled in the art can program these CGI programs 107 using programming tools and languages such as C, C++, Java, Perl and Shell scripts.

In an embodiment of the invention, the database 108 comprises a relational database management system, preferably, but not necessarily, with software code to enable Java Database Connectivity. Examples of such products include those marketed by the Oracle Corporation of Sunnyvale, California. It should additionally be noted that in an alternative embodiment the database 108 is not needed, or it could comprise software programs executing on the server computer 100.

The server computer 100 is configured to receive request messages from the user computer 104 over the internet in the Hyper Text Transfer Protocol (HTTP), File Transfer

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Protocol (FTP) or any similar protocol used to transfer data, video, voice or a combination of these media. After analyzing the request messages, the server computer 100 is configured to transmit in response messages that include "web pages" that are programmed in Hyper Text Markup Language (HTML) or a similar language.

5 Embedded in these web pages are components such as documents, scripts, objects, and frames that are configured to display colorful graphical images on a display device coupled to the user computer 104. Persons skilled in the art know how to make web pages using programming languages or tools such as HTML, Cold Fusion™, Java®, Java Script™, Active Server Pages™, Dynamic HTML, the various markup languages such as Extensible Markup
10 Language (XML), and similar others.

The user computer 104 is equipped with suitable devices and programs to connect to the network 102. In alternative embodiments, the user computer 104 is other device capable of establishing a communication in conjunction with other similar or dissimilar devices over a communication network such as the network 102. Examples of other commercially available digital interactive devices that are contemplated to function in place of the user computer 104 include a telephone, a WebTV™ device marketed by Microsoft Corporation of Redmond, Washington; a Palm Pilot™ device marketed by 3-COM Corporation of Santa Clara, California, or other similar device; the device used in conjunction with the Wireless Web™ service from the Sprint Corporation of Westwood, Kansas; or a Wireless Access Protocol (WAP)-enabled device such as the device marketed by @Motion.com used in conjunction with Wireless Internet service provided by companies such as Phone.com and supported by protocols such as Wireless Markup Language, Mobile Phone Markup Language. Nokia, Motorola, Ericsson, and other companies manufacture such compatible wireless handset devices.

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25 In one embodiment, the user computer 104 is a digital interactive device such as a personal computer comprising a processor similar to a Pentium-III® microprocessor, a display device such as a flat panel display or a CRT, a memory such as semiconductor memory, a storage device such as a disk drive, an input device such as a keyboard, and a pointing device such as a mouse. In other embodiments, there could be provided a microphone or other speech input device and a voice or speech recognizer coupled to the user computer 104, whereupon a
30 user 103 could provide input to the user computer 104 using spoken word commands. Currently,

several commercial products are available—either hardware or software or a combination of both—that could be configured to perform speech or voice recognition of spoken words to perform several navigational functions with respect to the web. An example is the product Dragon Dictate™ marketed by Dragon Systems, Inc. of Newton, Massachusetts. In the following, the word “selection” includes clicking a mouse or other pointing device coupled to the user computer 104 at least once; typing at least one character on a keyboard; allowing for a timer to expire; speaking at least one voice command into a microphone coupled to the user computer 104; or touching at least one area on a touch-sensitive screen and other equivalent methods.

In the embodiments described below, a user 103 can navigate the network 102 using either a graphical or a text-based navigational software. Additionally, in a preferred embodiment, the user computer 104 is configured to navigate the network 102 via a browser such as Internet Explorer™ marketed by Microsoft Corporation of Redmond, Washington. Opera™, available at ~~www.opera.com~~, is a browser configured to enable viewing XML documents. Other browsers such as virtual reality browsers can be used to obtain a three-dimensional experience of the network 102. An example of a text-based browser can be found in the software program Lynx, which is available free of charge.

The requester computer 106 comprises a processor such as a Pentium III microprocessor, a memory such as semiconductor memory, a storage device such as a hard drive, and optionally, a display device such as a CRT or an LCD display, a communications interface device such as a network card to enable connection to the network 102 either directly or via an Internet Service Provider. In alternative embodiments, the requester computer 106 could be a Java Chip enabled terminal device such as a printer directly coupled to the Internet using a protocol such as the Internet Printing Protocol, so that information objects could be directly downloaded and printed on the printer upon transmission by the server computer 100. Preferably, in such cases, there is equipped in the requester computer 106 such additional software as a handshake protocol to ensure a safe delivery of information objects.

In a preferred embodiment, the invention described herein is implemented principally on the server computer 100 and the user 103 interacts with the server computer 100 via a browser program executing on the user computer 104. Similarly, the requester 105 also interacts with the server computer 100 via the requester computer 106.

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I. GATHERING, UPDATING AND STORING PERSONAL INFORMATION

Referring to FIG. 2, the steps included in a preferred embodiment of the invented system are described. During an initialization step (step 200), in a preferred embodiment, a Personal Information Repository Service Provider (PIRSP) operates the server computer 100. In
5 alternative embodiments, there is no service provider such as the PIRSP; and there are other methods of providing such service, such as establishing a personal web site for each user 103, said personal web site comprising information that can be accessed only by an authorized requester 105 in a secure manner; establishing a personal database coupled either directly to the
10 Internet or accessible via the Internet or other communication network; or retrieving information stored elsewhere manually or in an automatic fashion.

Preferably, the PIRSP makes it known to a user 103 that it provides a trusted information repository service. In preferred and alternative embodiments, the PIRSP announces that its services are available free, or for a fee, and in the latter case, the fee is calculated based on a per transaction basis, or on a subscription basis, either from users that store information or from entities that request such information. Other embodiments comprise direct or vicarious payment methods for utilizing the services provided by the PIRSP. These payment methods include an agreement between the PIRSP and the user 103 to generate additional or alternative sources of revenue for the PIRSP via advertisements, referrals, introductions, chain marketing methods and the like.

In this application, any piece of information, however small in granularity or however agglomerated, is referred to as an "information object." Information objects can be implemented in an object-oriented manner, for example, each tuple or a field could be implemented as an object, a data structure or in any other manner known to persons skilled in the art.

CONFIGURING THE DATABASE

In a preferred embodiment, the database 108 is a distributed database comprising several components (not shown) such as transaction manager, concurrency controller, memory manager, or a query optimizer. The database 108 is distributed over a large geographical area at several nodes, preferably by partitioning the tables and/or the tuples according to the needs of either the
25 requesters or of the users in each node. The tables or the tuples can be partitioned either
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vertically or horizontally to enable fast and easy local access. In alternative embodiments, the database 108 is located at a single place.

In the following, a relational database model comprising sets of tuples, meta-data definitions for the tuples, and for other parts of the database organizational schema are described.

5 It should be noted, however, that while a relational database model is described in the preferred embodiment, in alternative embodiments other methods of data definition, which are known to persons skilled in the art, are used. Preferably, the database 108 is configured to comprise a set of relations among several pieces of the user's personal information. These relations are shown in the following as tables according to the following schema. The schema for these tables can be
10 designed by persons skilled in the art.

It should be noted that the user's social security number or alias can illustratively be used as primary keys to access the information from the tables. Other methods, such as date of birth, mother's maiden name, finger print scan, retina scan, or a combination of these methods can be used in other embodiments. The types of fields used in the illustration include Number [0-9]; Character [A-Za-z0-9 and other special characters such as ASCII characters]; and multimedia methods of storage for other types of data.

Table 1. Name and Address

Field Name	Field Type	Field Length
First Name	Character	16
Last Name	Character	16
Middle Name/Initial	Character	10
Office Address	Character	22
Work Phone	Number	10
Mobile Phone	Number	10
Social Security Number*	Number	9

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Mother's Maiden Name*	Character	16
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Table 2. Identity and Security

Identity type	Field Type	Field Length
Social Security Number*	Number	9
Mother's Maiden Name*	Character	16
Password	Character	16
Password reminder string	Character	22
E-mail Address	Character	22

The asterisk (*) indicates that the fields could form a primary key to the table. In a preferred embodiment, each field in each tuple is assigned a security classification, the details of which will be discussed below with reference to security. Referential integrity and Entity integrity of the information objects stored in these tables is preferably ensured. Tables can be joined according to well-known techniques such as inner and outer joins. Combining information objects from several tables can form views on tables. The tables, once formed are preferably normalized to make an efficient usage of the space.

Other tables, the schema for which are not described, are established to store information such as user's contact information (comprising home and work address, telephone and facsimile numbers, address of a nearest relative in case of an emergency, personal web home page address, personal web bookmarks, design of a portal); employment-related information (employer name, address, job title, job classification, salary range, supervisor's name and phone number, and the like); personal demographic information (sex, age, date of birth, marital status, spouse information); property-related information (own/rent home, amount of money in various bank accounts, ownership of stocks or other securities, property ownership information, personal property such as car, boat, private jet, and other details); health related information (types of medication currently used, surgeries undergone, type of drugs that tend to cause allergic

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reactions, smoking/drinking habits, hospitalization information, status of the several parts of the body, dental records, eye care information, genetic information, family medical history, etc); biometric information (retina scan, samples of speech, finger prints, DNA sequences, and other information); credit related information (rent/mortgage payments, landlord/lender's name, address, phone number, credit card information and the like); personal preferences (movies, travel, books, frequent flier club memberships, important dates such as birthdays, anniversary dates, magazine subscriptions, etc); preferences such as choice of long-distance company, the features used in one's telephone service such as call waiting, call forwarding, three-way calling; names of friends and family members; travel preferences such as preferred airline, class of travel, whether an aisle or a window seat is preferred, whether a rental car is required, what size car is required; hotel preferences such as smoking/non-smoking section, any wake-up call is required, and if so, at what time, the type of amenities preferred or required at the hotel; pleasure-related preferences such as tee-time at a golf course, theater preferences, seat preferences, etc ; or preferences for billing and payment methods (cash, credit/debit card, and the like). It should be noted that the type of information that can be stored in these tables can be unlimited. There is no requirement that all the pieces of information need to be furnished, since a requester 105 of information will be provided only that which is made available with the data base 130 or that which is authorized to be released to the requester 105.

A requester 105 that requests information also identifies himself and presents authorization from the user 103. Tables are also devised to store such requester's identification and authorization information for storage in the database 108. All accesses of information are recorded to generate a verifiable audit trail. Tables to store such audit information are designed in the database 108, preferably in a secure partition reachable only by persons with a very high security clearance.

CONFIGURING THE SERVER COMPUTER

In a preferred embodiment, the server computer 100 is configured—in addition to being configured as a web server—to include a number of modules: a user account establishment module 610; a user account management module 112; a personal information collection module 114; a request reception module 116; an authorization verification module 118; a security module 120; a database interface module 130; a statistics module 140; and a report generation

module 150. The server computer 100 preferably includes a trusted computer base (TCB) comprising a secure kernel, which includes the security module 120. Most of the security relevant code is stored in the secure kernel. All security relevant events are audited, recorded. Further, events that signal any breach of security are defined and programmed. Upon the occurrence of such an event, an action, including sending an alarm to a predefined entity or person, is performed. Preferably, the modules are implemented as independent memory-resident processes—such as UNIX™ processes—capable of communicating with each other using inter-process communication facilities such as queues, semaphores, sockets, pipes, shared memory and the like. Persons skilled in the art can program these modules using programming languages and techniques such as C, C++, Java or Enterprise Java Beans. It should be noted that the number, nature and functionality of the modules described herein could be differently designed by other designers, and therefore should not be a limiting factor in construing the invention.

Referring to FIGs. 2 and 3, in a preferred embodiment, the user 103 accesses the PIRSP's web site whereupon the server computer 100 first establishes a secure connection with the user computer 104 (step 202).

The server computer 100 comprises at least one of a plurality of web pages such as the web page 300, which are displayed on the user computer 104. When the web page 300 is displayed, the user 103 is allowed to set up an account with the PIRSP, by entering his name or other identifier in a first text field 302, optionally entering a password string in a second text field 304 and selecting a push button 310 to transmit the web page 300 to the server computer 100 (step 204). In other embodiments, the user 103 provides information to the PIRSP, which information comprises a name, a billing address, a contact E-mail address.

The CGI programs 107 executing on the server computer 100 receive the web page 300, and invoke the user account establishment module 610 to create a new account for the user 103. This process includes allocating an account number to the user 103, which account number is preferably stored in the database 108 (step 206). In a preferred embodiment, the CGI programs 107 perform this process of receiving and transmitting packets of data during all interactions with the server computer 100. Therefore, in the following, this description is omitted.

The user account management module 112 comprises code configured to record every access of the user's personal information by the user 103 in the database 108. This establishes an audit trail for a subsequent use (step 208).

5 The user 103 thereafter enters his personal information such as the kind of information described before, by entering the information via text or other selections made in web pages displayed by the server computer 100 (step 210). It should be noted that since many areas of personal information can be stored by the user 103, it is not required that all such information be entered by the user 103 at one time. For example, the user 103 may initially wish to store his travel preferences and nothing else. This could be because he contemplates travel and wishes to
10 provide this information to his travel agent. Later, the user 103 may enter his medical information and store it in appropriate tables since he wishes to visit his doctor. In this manner, at various times, the user 103 may furnish different aspects of personal information, which will be stored for a future use after it is entered once.

The user account management module additionally allows the user 103 to change or to update the user's password, address, telephone number or any other information. The user can change or update his personal information any time after the account is established. Preferably, the user can also provide a list of entities that should be notified for each change. In one embodiment, each information object that is changed or updated is notified to a list of authorized recipients automatically. In another embodiment, a change or an update is provided to a requester 105 when a request is made.

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25 The user account management module 112 optionally allows the user 103 to select a payment plan for the services rendered by the PIRSP, block any request if the user 103 is in default of a payment, obtain credit card or other verification, and the like. In a preferred embodiment, the payment plans for the user 103 depend on the number of security classifications the user 103 has chosen, the number and nature of the information objects stored by the user 103, the number of requests for information received, the number of accesses or updates made by the user 103 to view and/or change the information objects, the type of customer service requested, the number of entities to which any changes are to be notified, the resources utilized by the user 103, or a combination of these and similar types of activities.

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Preferably after user enrollment, the personal information collection module 114 obtains control of the program execution and presents the user 103 with at least one of a series of web pages. These web pages allow the user 103 to provide information to store in corresponding tables described above. In other embodiments, the user provides his information in a paper form, which is entered by the PIRSP into the database 108. Preferably, the user 103 also provides a security classification for each information object, at the tuple or at the field level, by selecting a radio button or a check box for each information object. In a preferred embodiment, there are a predetermined number of security classifications; in other embodiments, there could be a numerical value given to each class of security desired, and the higher the numerical value, the greater is the security classification. No security classification may imply that the information can be released freely to the requester 105, if the user's name is specified.

After the user 103 fills out the web page forms displayed on the client computer 100, the web pages are transmitted to the server computer 100, whereupon the CGI programs 107 receive, parse, and deliver portions of data to the database interface module 130 which stores portions of data entered by the user 103 as information objects in the database 108 in appropriate tables. In a preferred embodiment, the information objects that could be stored in a plurality of tables are collected from the user 103 in a single web page form. In other embodiments, each table or each part of a table can be separately populated with an information object or several objects retrieved from a single web page. In an alternative embodiment, the series of web pages can be displayed as framed or overlapping web pages and the user 103 preferably navigates from one page to another page by simply clicking on a predetermined area on a web page.

Preferably, the user 103 obtains from the server computer 100 at least one key to access his personal information. In one aspect, the key is provided to an authorized entity to enable access of the user's personal information stored in the database 108. There could be a number of types of authorization keys obtainable by the user: a one-time-use-only authorization key, a multiple use authorization key, a qualified authorization key, and others. In another aspect, the attributes encoded in the authorization key allow the release of a specific type of information from the server computer 100. Preferably, these encoded attributes of the authorization key—such as, how many times the authorization can be used to obtain access, what information is accessible using the authorization, any expiration time on the password, whether or not the

trustworthiness of the requester is a precondition before releasing the information and the like. In a preferred embodiment, the user 103 specifies these criteria and requests a key from the server computer 100. The key is preferably a string of alphanumeric characters of sufficient length as to prevent being deciphered easily by unscrupulous persons. In other embodiments, the authorization key is preferably encrypted, comprise a spoken word or phrase, a finger print scan, a retina scan, DNA identification, or other forms of identification. These keys could be used in a case such as when the user 103 is unconscious, and an immediate need exists to obtain medical or other information in order to save the patient.

In a preferred embodiment, the database interface module 130 comprises code to establish and verify security classification for each information object stored in the database. Preferably, for each information object, which could be a field, a row, a column, a tuple, or an entire table, a security classification is provided, which is marked on the object. This security classification is preferably an explicit and well-defined policy enforced by the security module 120. Individual accesses of each information object are recorded in the database 108. Each requester is clearly identified and an explicit audit trail for each access is recorded in the database 108. In another aspect, the database interface module 130 operates as a reference monitor as well. The reference monitor mediates all accesses of requests for information objects. Other methods of ensuring security include establishing access control lists for each level of a multi-level security system; a system such as the Signed Document Markup Language (SDML); usage of trusted and known sources such as well-known companies as the requesters, public key encryption, third-party authentication, and other similar techniques.

In a preferred embodiment, potential requesters are also enrolled by the PIRSP in a similar manner as described for the user 103 (step 214). The server computer 100 establishes accounts for potential requesters, allocates identifiers, authenticates their trustworthiness and enables them to establish a payment/billing plan for accessing information objects stored by the user 103. In one embodiment, where there are a number of users, statistical information, rather than individual pieces of information objects are offered for sale to potential requesters. In other embodiments, the potential requesters do not establish accounts with the PIRSP, and will pay as they go for each access of information as described below.

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In an embodiment, the user 103 provides his identifier and a secure password, to a requester 105. This could be done, for example, when the user 103 decides to provide a travel agent or a tailor that his personal travel preferences or style and measurements can be obtained from the server computer 100 operated by the PIRSP. In one embodiment, the requester's web page (not shown) comprises an area, selecting which the user 103 can specify that his information can be obtained from the PIRSP's web site. Preferably, the user 103 provides his identifier, a specific authorization—for example to fetch the travel preferences or the medical history and nothing else—and requests the requester 105 to obtain his personal information from the PIRSP. The requester computer 106 is configured to receive this authorization over a secure channel, and to initiate a request to the PIRSP for the user's personal information.

In an alternative embodiment, the requester 105 requests the user 103 manually to fill out a form. This may happen in cases where the user 103 visits a doctor's office, or attempts to establish an appointment with the doctor's office. The doctor's office, which could be enrolled with the PIRSP, may request that the user 103 provide personal information via the PIRSP. The user 103 provides the requester 105 his identifier and authorization to obtain the information from the PIRSP.

II. SECURELY DISBURSING PERSONAL INFORMATION

In one embodiment, the PIRSP publicly discloses the database schema, so that any requester 105 can specify the type of information by naming the table and the fields that they want. In other embodiments, the actual database schema are kept secret, but the nature of information that is made available for access by a requester is announced to potential requesters.

The requester 105 preferably establishes a secure connection with the server computer 100 and presents the user's identifier and authorization to the server computer 100 (step 216). Preferably, this process includes the following steps. First, a session with an encrypted Secure Socket Layer connection is established between the requester computer 106 and the server computer 100. Second, the requester 105 transmits at least one packet of data to the server computer 100, said packet of data comprising its identification, its electronic address (either dotted decimal form or other forms), any processor identifier of the requester computer 106. The server computer 100 receives these data and records them in the database 108 along with the time and date when the request is made. Third, the requester computer 106 is configured to

present the user's identifier and authorization to the server computer. Alternatively, the requester 105 sends a secure electronic mail (E-mail) to the server computer 100. The secure E-mail contains a user identifier, a user-provided authorization key or password, and a request in the form of a database query.

5 In an alternative embodiment, the requester 105 can be the same as the user 103, such as in case the user 103 wishes to store information for himself, e.g., personal or business phone numbers, E-mail addresses, and other similar information typically stored in a person's wallet, frequent flier numbers, passwords to debit cards, preferences and the like. In this case, an authorization is not required for the user 103 to view information objects stored by him.

10 Preferably, after authenticating the requester 105, and if the requester 105 is determined to be a genuine entity, a security level is assigned to the requester's request (step 218). The security module 120 verifies the security classification for each field or information object requested before releasing it to the requester 105. Preferably, an information object is released to the requester only if the requester's security classification is at least that of the information object requested. Otherwise, the request is discarded and the attempt by the requester 105 is recorded as a failed request.

In a preferred embodiment, a requester that makes a predetermined number of unauthorized or failed requests is tagged as "junk" requester. The junk requester's identification information is stored in the database 108. A further request from this junk requester is ignored or an alarm message is generated to take an appropriate action (step 220).

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The security module 120 preferably performs authentication and verification by assigning a numerical value to the requester 105. Any authorization from the user 103 presented by the requester 105 is also assigned a numerical value. Further, each information object that the requester 105 wishes to access from the server computer 100 is also assigned a numerical value.

25 Preferably, these numerical values represent a corresponding security level for each entity or item to which the value is assigned. In alternative embodiments, numerical values representing security levels are also assigned to the entities from where the request arrived at the server computer 100 such as the requester computer 106 and the network 102. The security module 120 thereafter examines the security levels of each entity included in the data transfer process

30 (transaction) to determine the overall security level for the transaction. In a preferred

embodiment, any requested information is released to a requester only if the security level of the requester 105 is at least that of all information objects requested. In other embodiments, only those information objects that are at or below the security level of the requester 105 are released to the requester.

5 In a preferred embodiment, the requester 105 formulates a query, in a readily executable form, preferably in a language such as the Structured Query Language. In other embodiments, the query by the requester 105 is a listing of the information objects requested. The database interface module 130 then executes at least one of a series of queries to extract the information sought by the requester 105 (step 222). The query optimizer included in the database 108
10 optimally retrieves the stored information after verifying the security level of the request, with the security level designated by the user 103 for an information object.

The security module 120 and the database interface module 130 use several alternative methods of accessing information. In one method, the database interface module 130 retrieves an information object if the security level of that information object is at or below the security level for the request and that of the authorization. In another embodiment, a data base view is automatically defined to extract all individually classified information objects, and in this case, if the security level of an information object is above the security level for the request, a blank entry is returned. Alternatively, the database interface module 130 may insert an indication instead of a blank entry, which indication specifies that either the information is not available, or it is available for a requester with a higher security level, and the like.

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In another embodiment, the user 103 requests the PIRSP to disburse information to the requester 105 using an electronic means (step 224). In this case, the user is authenticated and the information objects are downloaded or transmitted to the requester 105, preferably via secure E-mail, file transfer protocol, after establishing a circuit-switched connection, facsimile, U.S. mail
25 or any other method.

Preferably, the requester 105 is forbidden from reselling or retransmitting the information, or using it beyond an expiration date set either by the user 103 or by the PIRSP. Preferably, to ensure this, information objects are copyrighted or otherwise contractually protected. Further, this could be a selling point to users, since the PIRSP not only guarantees the
30 safety of the stored information, but in addition controls how this information is used.

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In one embodiment, the requester 105 is charged a fee for receiving the information objects, on a per object basis, or on a subscription basis or for receiving statistical reports. The PIRSP may provide an incentive to the user 103 by paying the user 103 a portion of the fee to the user 103. In another embodiment, a requester may receive statistical report such as "how many
5 male golf players between the ages 22 and 55 in the zip code 20006 are interested in trading stocks?" The statistics module 140 and report generation module 150 make appropriate queries in the database 108 and obtain the information. Preferably such statistical information is considered secure unless it has a tendency to reveal too much about the user's behavior. Thus, so long as information is aggregated and can remain anonymous, it may be released to potential
10 requesters to assist marketing of products/services.

The user 103 may change or update his personal information. Examples of changes could be address or telephone number changes, and the like. Some changes are effective at a future date. Some information is updated either by the user 103 or by a third party (not shown). An example of such updated information is medical information. When the user 103 makes the changes, he makes these by accessing the server computer 100 web site and entering his information as described above. The user 103 elects or designates any requesters or recipients of change notifications. The server computer 100 automatically retrieves the information objects that changed and notifies the designated requesters or recipients via secure E-mail, or other methods indicated above (step 226). In alternative embodiments, notification messages are left in mail boxes located on the server computer 100 and owned by requesters. Each change notification is recorded in the database 108 for audit trail purposes.

In a preferred embodiment, every time an information object is accessed, an entry is made into the database 108 and a secure audit trail established (step 228). This audit trail is preferably designed to track the activities of the PIRSP as well as the activities of the user 103
25 and the requester 105. This ensures that a clear audit is preserved to determine and prevent any misuse of personal information. Preferably such audit trail is established by programming in the secure kernel included in the server computer 100. All activities are stored in a specially partitioned area of the database 108 and are read-only after written by any process.

CREATING AN ONLINE PERSONAL LIBRARY

Referring now to Fig. 1, the computer architecture may also be used to implement an online personal library.

As has been described above, two different roles for a person are envisioned to describe the principles of the present disclosure: (1) a "user," who is a person or a computer program that creates or effectively "owns" or controls the online personal library or a part of the library; and (2) a "requester", who is a person or a computer program that accesses the information stored in the personal library established by the user. Further, there is a service provider, which could be a person, a company or a computer program that establishes a server computer ("server") and allows users to use the server to create, maintain and operate the personal library. The service provider is not an essential entity to enable the principles of the present invention. The user and the requester may be the same entity, but performing different roles. Alternatively the service provider could establish the online library according to the principles described herein and allow requesters to access the items stored in the library. In another embodiment, the requester and the user could be separate entities.

In an embodiment, as described above, a user 103 (operating a user computer 104) establishes a connection with a data communication network 102. Then the user computer 104 establishes a link with the server 100 and creates an online personal library by utilizing a multi-level secure data storage and retrieval system such as the system described above. In alternative embodiments, the user 103 may subscribe to a service offered by a Library Service Provider (LSP) who operates the server 100. This can be accomplished by establishing an online account with the LSP in a manner similar to that described previously with reference to the PIRSP.

Table 3 depicts an example of a table schema that stores meta-information for the items stored in the library.

Table 3. Name and Address

Field Name	Field Type	Field Length
User Name *	Character	16
User ID (if other than Name)	Character	16

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Password	Character	10
File Name	Character	22
File Type	Character	20
Security Level	Number	10
Permissions List	Character	20

In both the above cases, the user 103 is presented with a series of web pages using which the user 103 creates or allocates a pre-determined amount of storage space on the database 108 or a storage device coupled to the server 100. The library can be organized as a flat file, indexed file, a hierarchically organized file system, or a relational database.

When flat file architecture is used, the library is advantageously partitioned to have a number of directories and sub-directories, identified by labels or icons. The labels or icons are preferably implemented as hyperlinks. Each directory or sub-directory can be designed to be either visible or invisible, or can be separately protected by a password or other method. In order to establish this method of protection, the library schema advantageously uses a plurality of levels, at least one of the levels to be allocated to each piece of data, at a fine granular level. In an alternative embodiment, the user may control the way in which the library is created; requesters may merely use the library according to the schema established by the user. Alternatively, the user 103 may grant permissions allowing a requester 105 to alter the schema as well.

On the other hand, the library may be modeled in the form of a relational database, in which case, appropriate database schema are designed to create the library. Tables can be created to hold digital items that comprise the library. A different table can be advantageously used to hold a digital item of a particular type, for example, a table that holds all ASCII text items, a table that holds all Motion Pictures Expert Group (MPEG)-formatted items, and the like. Other tables can be defined to hold access restrictions for a particular type of item, any permissions granted to a user or a requester, and the like. Alternative embodiments may include

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a hybrid type of items in a single table, which could be designed based on such other criteria as the type of restrictions imposed on a requester who wishes to access the item, and others.

Once the user 103 establishes a space to hold information, the server computer may assign an address—such as an Internet address in a dotted-decimal form or in an alphanumeric format, for example, http://library.serviceprovider.com or library@serviceprovider.com—to the online library. This Internet address identifies the library to a user that subsequently accesses the library. The user 103 uploads digital items to the library from any computer such as his user computer 104.

Referring to Fig. 4, a sample web page 400 containing fields that a user 103 can specify to create catalogue information for items stored—or about to be stored—in the library. Such a catalogue allows the user 103 to search for the information. The catalogue information contains identification information for the file—such as the name of the author, its ISBN or Dewey Decimal Number, if any, year of publication, source where it is copied, and the like—in addition to the name of library 402 where it is stored, its overall security level 404, file type 406, permissions granted to different classes of users 408, and such other information. It should be noted that not all information may be necessary for an item to be stored in the library, and in some cases, where information is incomplete, default values can be assigned to security levels, file name and file types as determined by the LSP or a computer program. This catalogue information can be stored in the database 108 in a table such as Table 3.

The user may direct a third party to transmit a digital item to the user's library by giving the third party his library's identifier. For example, the user may request a service such as e-books or other type of service by providing an identifier of the digital item, a destination address, which is a library address, an account name, and/or other required identifying or authorizing information such as a password if necessary. The user or the third party may then manually or via an automatic process send the digital item to the library via methods to transmit data such as E-mail, remote copy program (rcp), hyper text transfer protocol (HTTP), file transfer protocol (ftp), Unix-to-Unix-Copy program (UUCP), cut-and paste, copy-and-paste, or drag-and-drop and the like.

Among the various methods of transmitting a digital item to be added to the library, E-mail, rcp, HTTP, ftp, and UUCP are well known to persons of ordinary skill in the art.

present invention is not limited only to storing web pages. Instead, the principles of the invention are applicable to any digital item or items.

As a preliminary step, the user computer 104 and the destination server are assumed to support the basic mechanism for the drag-and-drop protocol, which is preferably implemented using an event handler mechanism. To implement the drag-and-drop, the server 100 may download an event handler software program (not shown in Fig. 6) executable on the user computer 104. This event handler tracks events that are generated on the user computer 104. An event is an occurrence on a computer that generates an interrupt that can be handled by a program running on the computer such as the operating system, or by the processor. Events occur as a result of an action or inaction—such as the user does not respond to a request within a previously determined time period, causing a timeout event. Some common examples of events include mouse movements—mouse enter, mouse leave—button press, button release, button click, double click, key press, key release, and timeout. A programmer of ordinary skill in the art can define these events, the duration of time that constitutes a particular event, and events that can be ignored by the event handler. An event can be captured by software (running, for example on the user computer 104 or on the browser program). After an event is captured, the event handler program is invoked. The event handler takes the appropriate action, such as copying information into a buffer, and allowing the information to be pasted or transmitted to a destination. The source web site need not, but may, support the mechanism for drag-and-drop.

When the user 103 accesses the source, the user computer 104 may display a web page 610' or a link to the web page 610' on the user computer 104. The user 103 may make a selection—such as clicking a designated mouse button—to indicate that he wishes to transmit the information pointed by the browser to the library created on server 100. As shown in Fig. 6, in one embodiment, the user 103 may open two windows 610' and 100' on the user computer 104, and execute two browser programs—one in each window. Then the user 103 navigates to an appropriate source location on window 610' to locate the digital item X of interest. The user 103 also navigates to an appropriate location on window 100' to identify an area in the library 100 at which he wishes to store a copy of the digital item X.

Then the user 103 executes an appropriate sequence of selections—which may include any combination of mouse button click, a key press, a voice command, or any other input

method known to persons skilled in the art—to drag and drop, cut-and-paste, or copy-and-paste the digital item X from window 610' to the window 100'. As has been mentioned above, in alternative embodiments, the user may specify the address of the target computer 100 and accomplish transmittal of a copy of the digital item from source 610' to target 100 via E-mail, ftp, rcp, UUCP, HTTP or other methods.

When the item is dragged and dropped, appropriate events are generated on the user computer 104—such as when the user's mouse enters the area 610' on the user computer 104 display, when a button or a key is pressed while the mouse is within the area 610' and when the user continues to press the mouse or key while dragging the item, and when the user releases the mouse or key to drop the item on the window 100'. These events are captured, and handled by the event handler downloaded on the user computer 104 in conjunction with software on the target server 100. When the user drops the item on window 100', a secure connection—such as Secure Socket Layer or secure ftp—is opened with the server 100, any appropriate authentication—such as password or other information—is provided, and the item is copied to the appropriate location for further viewing. In some cases, for example, with respect to the HTTP protocol, the digital item may be downloaded to a cache area on the user computer 104. In this case, the act of dragging and dropping may advantageously copy the item from the user computer's 104 cache to the target 100. Where a user computer 104 is connected to the network 102 via an Internet Service Provider (ISP), the ISP may store the item in a cache at its location in a cache appliance—such as one manufactured by CacheFlow, Inc.,—for easy downloading by users. In such a case, the act of dragging and dropping (or copying and pasting) may be accomplished by opening a connection from the ISP cache appliance to the server 100 and transmitting the digital item to an appropriate location on the server 100 (target) after providing the user's account and password information.

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AUTOMATICALLY ALTERING LIBRARY STORAGE SPACE

The user 103 can request the service provider to increase the library storage space as the need arises. This need can arise, for example, when the user attempts to add to the library an item that is larger than the available space. Similarly, when the user deletes a number of items storage space could be released, which can be reclaimed by the server 100 and this space could

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be added to either the space allocated to the user 103 or for any other use preferably after garbage collection. Suppose the user 103 inadvertently drags and drops an item to the library. If the item requires a storage space that should be allocated to the user, the item can be first stored in a temporary storage area on the server 100 or in the database 108. Then the server 100
5 executes an appropriate program to increase the storage space allocated to the user 103. To achieve an increase in the storage space, the service provider preferably executes an operating system function on the server 100 by providing it the user's identifier and his user privileges such as priority, security level, and others so that any newly allocated space is suitably configured to have the required security access level. This process can be performed either
10 manually or automatically as the need arises to increase or decrease space, or after the user 103 pays a fee.

When such extra space is allocated, in one embodiment, the user is physically allocated the extra storage space for use to create or expand his library that could be accessed by requesters. In one embodiment, a program limiting the user to use only certain storage space is reprogrammed so that the user is allowed to use a larger space for the library.

The storage space may be contiguous space in one physical device, or it could be distributed over a large number of physically separate disks that are accessible to the user over a network such as a Local Area Network, a Wide Area Network or a public data network. In case where the storage space is distributed over several physical devices, a controller—which could be a computer program—allows the user to access such distributed storage space in a transparent manner so that the user or requesters that access the library are unaware of the particular fashion in which the data are stored in a distributed manner over the network.

CHECKING FOR VIRUSES

25 When an item is added or whenever any updates are made to a library, in one embodiment, the server computer 100 first makes sure that there is no attached or embedded virus present in the item. Searching the item looking for known virus signatures can accomplish this. Anti-virus programs are well known to persons skilled in the art. In some cases, the virus can be surgically removed from the item, and the item can be placed in the library. In other
30 cases, a corrupted item may be discarded. In either case, an alerting message is sent to the user

103, notifying him of any virus detection, unless the user wishes not to receive such information. Any virus checking or detection is recorded in the database 108. Further, the source from where the corrupted item was obtained is recorded in the database 108 in a table of suspicious sources.

Subsequently, whenever a new item is added to the library, the source of the item is
5 verified against an available list of suspicious sources in order to ensure authenticity and security of the data. Moreover, in order to maintain a current list of the latest viruses created by unscrupulous hackers, the library periodically scours trusted web sites or information sources to obtain information about new viruses, and download virus signatures, rules to identify viruses, and any anti-virus programs to the server 100 automatically to maintain an updated anti-virus
10 mechanism.

ACCESSING THE LIBRARY

The method by which a requester 105 accesses the online library includes the method described earlier with regard to the user's personal information with reference to Fig. 2, steps 200-228. These steps are applicable to disbursing information stored in the multi-level secure library similar to that of the user's personal information and are incorporated herein by reference. The LSP plays the role of a PIRSP. Additional details are described in the following.

When a requester's device such as a requester computer 106 accesses the server 100, the requester's device 106 may first establish a connection with the server 100, and make a request for a digital item stored in the library. Alternatively, a requester 105 may be presented with a mechanism—such as a web page—to search for an interested digital item by specifying its name or other identifying information. The requester computer 106 may do this by sending a packet of data containing a request message to the server 100. In one embodiment, the requester's identifying information is presented to the server 100 in the first packet or in a second packet. In
25 response, the server 100 may verify the requester's identification information against stored information in a database coupled to the server 100. Thereafter, the server 100 may deliver the requested digital item to the requester's computer 100, or any other device designated by the requester 105. In the case where the digital item is delivered to a different device than the requester's computer 106 that requested the delivery, or in case where additional protection is

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deemed necessary, the server 100 may disconnect the requester's computer 106, and thereafter establish a second connection with the designated device to deliver the requested digital item.

SELECTIVE ACCESS TO THE REQUESTER

5 Depending on the security level of the requester 105, or the security level of a password that the requester 105 provides, or the type or address (such as an Internet address) of a device used by the requester 105, the time of day, the day of week, or other criterion established by the user 103, a selective access is available to the requester 105. For example, only a particular portion of the library is visible or accessible to the requester 105. This selective access or
10 authorization may enable the requester 105 to perform such tasks as, in the case of a document, insert, delete or modify text, images or an audio clip, underline text, highlight or make margin notes with or without a digital signature, and the like, if the requester 105 is permitted or authorized to do so. As stated above, the authorization can be separately provided or could be encoded in the type of password provided to the requester 105. Under this selective
15 authorization scheme, a requester 105 may be given only a subset of the available permissions to perform operations—i.e., the requester 105 may be allowed only to view but not edit a document; only to add to but not delete from a video clip; only to make margin notes on a document but not change or underline the original text; make changes that are visible only to a select group of persons; and other similar tasks. When a requester 105 edits a document, all other persons in the select group are automatically notified that a change has been made. In one embodiment, the changes are downloaded to the devices specified—if any—by the group. In other embodiments, the notified persons may subsequently access and retrieve the document to view or further edit the document, or provide a digital signature of approval or disapproval and store it in the library. In this manner, a document may be placed online, edited by one or more
20 requesters, viewed or approved by others with secure digital signatures without the need to meet each other face-to-face.

RESTRICTING ACCESS TO A PREDETERMINED NUMBER OF SIMULTANEOUS REQUESTERS

30 The present invention may also be used to distribute information to a group of persons—either a closed subset of known persons or a larger audience on the network—without violating

process—may be activated to periodically check for any expiration time and disable license from further use. In further alternative embodiments, the digital item may be delivered to the requester device via a streaming technique, by streaming video or audio to the device, if the requester device is suitably equipped.

5 Referring now to Fig. 7, other methods of pooling licenses can be devised to share rights to use the restricted digital item. Suppose a digital item has a single-user license and is loaded to a third party user's personal computer 710. The third party user's computer is connected to network 102 or otherwise communicatively coupled to the server 100. The availability of the restricted item may be announced to potential requesters by listing it in a place visible to such
10 requesters. Before or when a requester 105 wishes to access the restricted digital item, the server 100 locks a copy of the item on the third party user's personal computer 710 and allows the requester 105 to use the digital item for a predetermined time. The server may accomplish this locking by downloading a plug-in, an applet or a client program to the requester's computer 106, which program establishes the lock either by making the license inaccessible to any other requester, or by physically removing a file from the third party user's personal computer 710 for the duration. Such method of remote license provisioning may be expanded into a wide-area license pooling by locking copies of a restricted digital item across a number of computer 710, 720 and others distributed over the network 102.

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FORMATTING THE DIGITAL ITEM FOR DELIVERY TO A DESIGNATED DEVICE

Suppose requester 105 accesses the library using a device 106 that is capable of retrieving and using a digital item without any need for further formatting. The digital item is downloaded to the requester's device 106 directly. When, on the other hand, a requester's device 106 requires further formatting—which could be evident from the type of the device as determined
25 by the server 100 or by an explicit indication by the requester 105—software resident on the server or the requester's device 106 may initiate a handshaking protocol to establish the type of formatting required. For example, the requester's device 106 may be capable of handling only a text-based interface; only a certain types of images such as only MPEG images; has a limited storage capability; or a limited viewing area. The requester's device 106 may have other
30 limitations on resources such as size and type of memory device; attached or attachable storage

devices; input/output capability such as pointing device; voice recognition; text-to-speech capability; video input/output capability; numeric or alphanumeric keyboard; processing power; type of operating environment; whether or not a downloaded item can be locally executed; type of encryption/decryption; type of data communication or other protocol handled; file types; type and size of the viewing area or the like. In such cases, the server 100 formats the digital item to fit the device that accesses the information, or transmits the digital item using an appropriate protocol.

In an embodiment, the server 100 may format the content appropriately to fit the requirements of the requester's device 106. To accomplish this, the server 100 may execute a formatter program that formats the digital item appropriately before downloading. In such cases, the server 100 preferably has a database of required formats specified, and stored rules for formatting. On the other hand, the server 100 may alter, or remove certain portions of the item, such as attachments to an E-mail message.

In case a different data communication protocol is to be used to enable the requester device 106 to access a digital item, the server 100 may select an appropriate protocol translator: the server invokes the selected translator, inputs the digital item to the selected translator, and directs the output to the requester's device.

In other embodiments, for example, where the requester's device 106 accesses the server 106 to download the digital item for storage and later use, there may not be any need for pre-formatting by the server; the item can be downloaded or installed and the requester 105 may perform the translation locally at his device 106. The requester 105 may download or otherwise install the translator from either the server 100 or a third-party supplier.

* * *

The foregoing describes a method and a system for obtaining, storing and automatically disbursing personal information over a communications network. Though reference is made only to a single instance of each of the client and the server computers, it should be noted that the invention can be practiced using an architecture comprising a plurality of client computers (not shown) and/or a plurality of server computers (not shown). Additionally, though reference is made only to a single processor computer, the server or the client computer could comprise a distributed, parallel computing environment, either including a single-processor or a multiple-

undue experimentation or without significantly departing from the spirit and scope of the appended claims, which claims should be construed to include all these modifications, rearrangements, adjustments, and departures.

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What is claimed is:

1. A method of creating an online library on a first server computer coupled to the Internet, the method comprising the steps of:

5 allocating a first storage area coupled to the first server computer, the storage area being configured to hold one or more information objects for a plurality of users, said one or more information objects including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

transmitting an information object from a second server computer to the first server computer for storage in the first storage area;

10 storing the information object in the online library; and

permitting access of the information object by a requester operating a client computer.

2. The method of claim 1 further comprising the step of:

15 authenticating the requester based on (a) a description of information accessible using an authorization key, (b) an expiration time for an authorization key, (c) the trustworthiness of the requester, (d) the requester's password, (e) a security level of a requester, (f) security level of a requesting device, (g) security level of a device to which access is to be provided, (h) a security level of a password that a requester provides, (i) type of device used by a requester, (j) identity of a device used by a requester, (k) location from which a request is made, (l) Internet address from which a request is made, (m) time of day when a request is made, (n) time of day when a
20 response is desired, (o) day of week a request is made, or (p) a day of week when a response is desired.

3. The method of claim 1 further comprising the step of:

permitting restrictive access to the information object by the requester based on whether

the requester is authorized to view, modify, edit, add to, or delete a particular portion of the information object to which access is provided.

4. The method of claim 1 wherein the transmitting step comprises the step of:
transmitting the information object to the first storage area by using any one or a
5 combination of the methods of (1) E-mail, (2) remote copy program (rcp), (3) hyper text transfer protocol (HTTP), (4) file transfer protocol (ftp), (5) Unix-to-Unix-Copy program (UUCP), (6) cutting-and-pasting, (7) copying-and-pasting, and (8) dragging-and-dropping.

5. The method of claim 1 wherein the transmitting step comprises the step of:
providing the identification information for the online library to a second party operating
10 the second server computer;
authorizing the second party to transmit the information object to the online library; and
directing the second party to transmit the information object to the online library.

6. The method of claim 1 wherein the transmitting step comprises the step of:
initiating the transmittal of the information object upon clicking on an area in a web page.

15 7. The method of claim 1 wherein the transmitting step comprises the step of:
initiating the transmittal of the information object upon selecting an area on a web browser.

8. The method of claim 1 further comprising the step of:
scanning the information object for viruses; and
if the information object contained a virus, then (a) discarding the information object or
20 (b) removing the virus from the information object prior to storing the object in the library.

9. A method of securely distributing a first party's personal information, the method comprising:

storing the first party's personal information on a server computer connected to the

Internet, said first party's personal information comprising at least one of a plurality of information objects, said at least one of a plurality of information objects including a web page, a link to a web page, a bookmark, a document, an e-book, an image, a piece of music, a piece of audio, a video clip, or a movie;

5 associating with each information object at least one of a plurality of security clearance levels, said security clearance level being assignable to each information object at any granularity, thereby enabling access to selected portions of the stored first party's personal information;

receiving from a requester executing on a second computer, a request to access the first
10 party's personal information, said request accompanying an authorization key to access the first party's personal information;

selecting a first portion of the first party's personal information authorized to be transmitted to the requester, said selection being made in accordance with one or more selection criteria established by the first party;

15 determining the second computer's formatting requirements via a handshaking protocol;
formatting a response according to a format acceptable to the second computer; and
transmitting the formatted response.

10. The method as in claim 9, wherein the step of formatting a response comprises the step of:

20 configuring the response message in a manner suitable for delivery to the requester's device.

11. The method as in claim 9, wherein the step of formatting a response comprises the step of:

selecting a suitable format from a selection of available formats.

12. The method as in claim 9, wherein the step of formatting a response comprises the step of:

using stored rules to format a response message.

5 13. The method as in claim 9, wherein the step of formatting a response comprises the step of:

encrypting or translating the response.

14. An apparatus comprising:

a processor;

10 an input device coupled to the processor;

a memory coupled to the processor;

said memory being adapted to receive and store therein program of instructions

executable by the processor;

wherein the program of instructions is configured to direct the processor

15 to receive an input signal from the input device, and responsive to the input signal received, to access a document on a second server computer, and to issue a signal to the second server computer to transmit the document from the second server computer to a first server computer to be stored in a secure online library established on the first server computer.

20 15. A method for online document collaboration, the method comprising the steps of: establishing, on a server computer coupled to the Internet, an account for each of a plurality of users;

creating, by a first user, a document for modification by each of the plurality of users;

storing the document on the server computer;

granting a set of access restrictions for the document, said access restrictions including an ability to access the document for modification by one of a select group of users, said select group of users being users whose identities are known to the server computer;

5 receiving, from a second user, a request to modify the document, said request to modify includes the second user's identification information;

verifying the identity of the second user by way of a password received from the second user;

10 permitting the second user to modify the document based on a set of access rights granted to the second user;

applying modification made by the second user to the document; and

storing the document, the modifications made by the second user, and the identity of the second user.

15 16. The method of claim 15, wherein the step of verifying the registration of the second user further comprises the steps of:

receiving a user-identification from the second user;

receiving a password from the second user;

if the second user does not have an account with the server computer, then establishing an account for the second user on the server computer;

20 verifying the second user's account information; and

permitting the second user to access the document for modification.

17. The method of claim 16 further comprising the step of:

creating an audit trail of the document access.

18. The method of claim 15 further comprising the step of:

if the document is modified, notifying one or more members of a group of users that the document was modified or transmitting the modified document to one or more members of a group.

5 19. The method of claim 15 further comprising the steps of:

after a document is modified, receiving approval for the modifications from one or more of a group of users; and

storing identifying information of each one of the one or more of a group of users who approved the modifications to the document.

10 20. The method of claim 15, where the modification to the document includes adding new material to the document, deleting material from the document, making notes within the document, underlining material in the document, adding a digital signature to the document or highlighting material in the document.

ABSTRACT OF THE DISCLOSURE

A method and an apparatus for creating an online library by establishing an account for a user on a first server computer, allocating storage space for the user on the first computer, the
5 receiving from a second server computer a document to be stored in the first server computer in the user's allocated storage space. The library is made accessible to selected groups of others by the user based on access criteria. The library holds documents, which can be modified by another person who is authorized to so modify, whereupon the modifications may be transmitted to or approved by a group of users.

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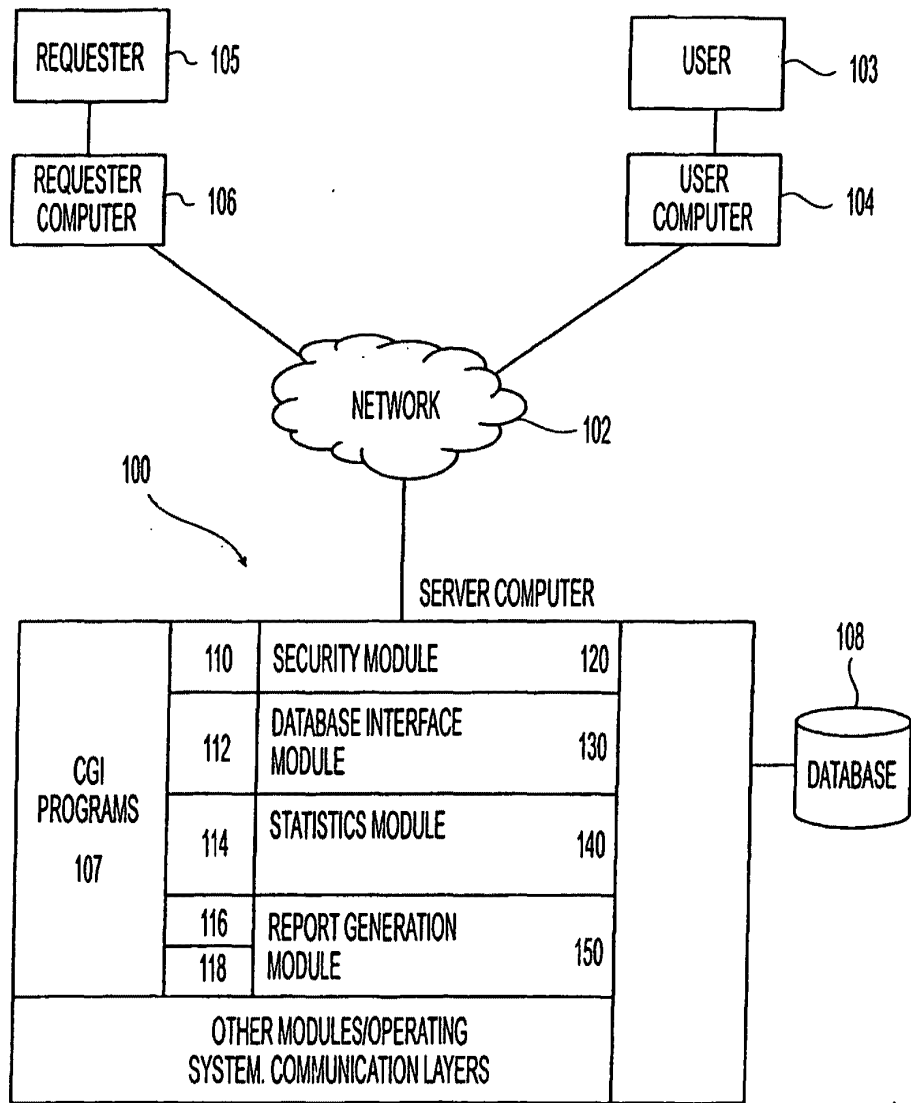


Fig. 1

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

005080" 52749660

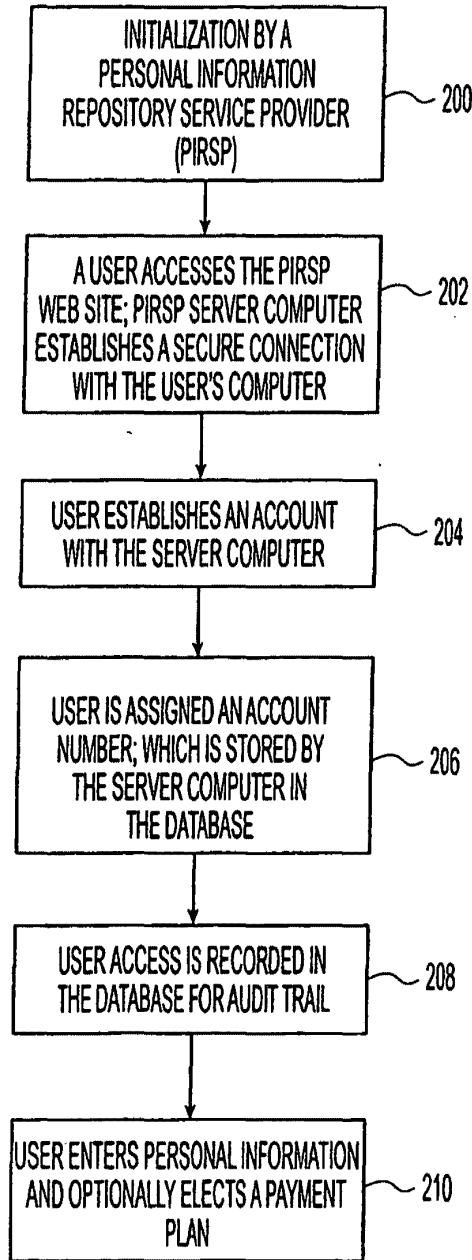


Fig. 2a

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

005080" 5244960

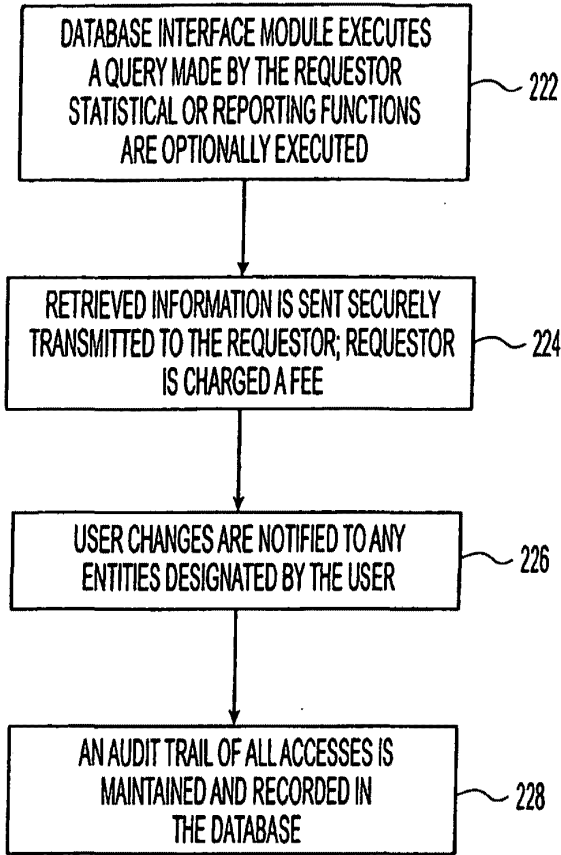


Fig. 2b

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

005080" 524E9160

ACCOUNT SETUP

ENTER YOUR ID: 302

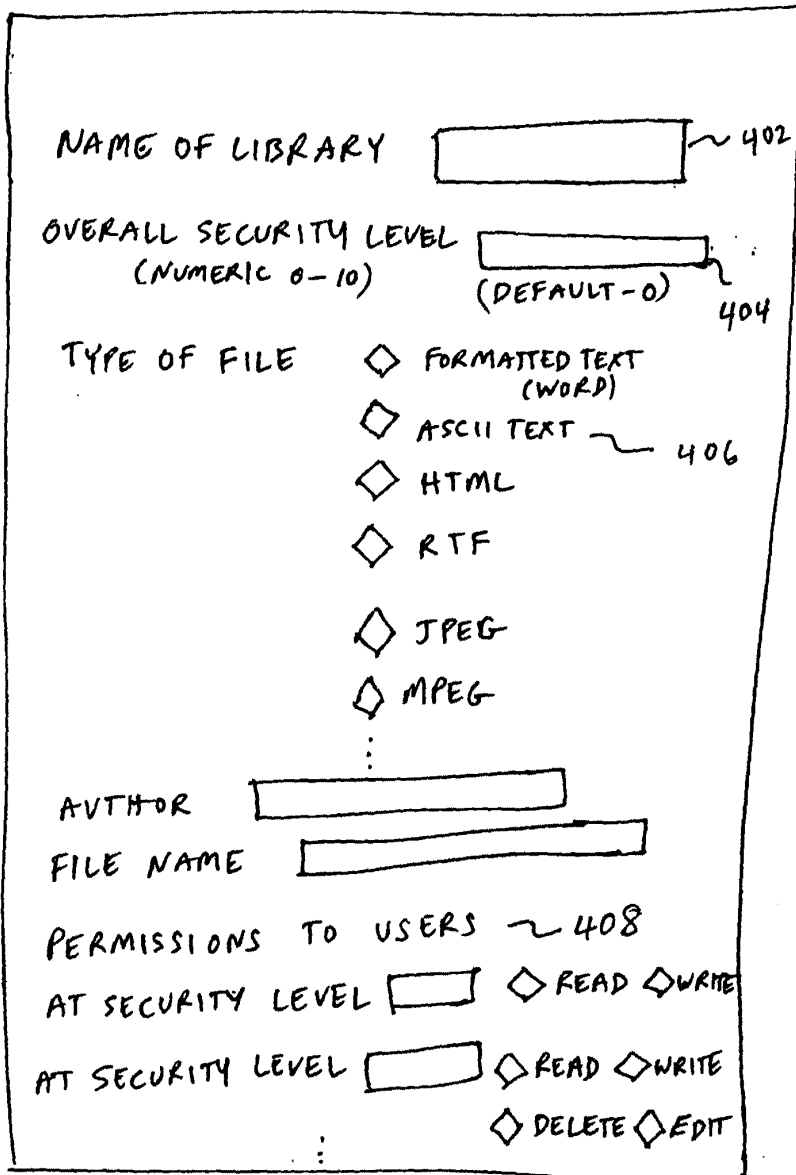
ENTER PASSWORD: 304

310

300

Fig. 3

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CREATING SPACE IN LIBRARY WITH SECURITY LEVELS AND PERMISSIONS
FIG. 4

400 ↗

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SOURCE: `http://www.source.com/1/2/b/Movie.mpg`

DESTINATION: `www.library.com/username/account_id`

Destination Password: `ADD THIS ONE`

NAME OF LIBRARY:

SECURITY LEVEL:

FILE TYPE: ...

 FORMAT ASCII HTML RTF JPEG MPEG
 TEXT

AUTHOR:

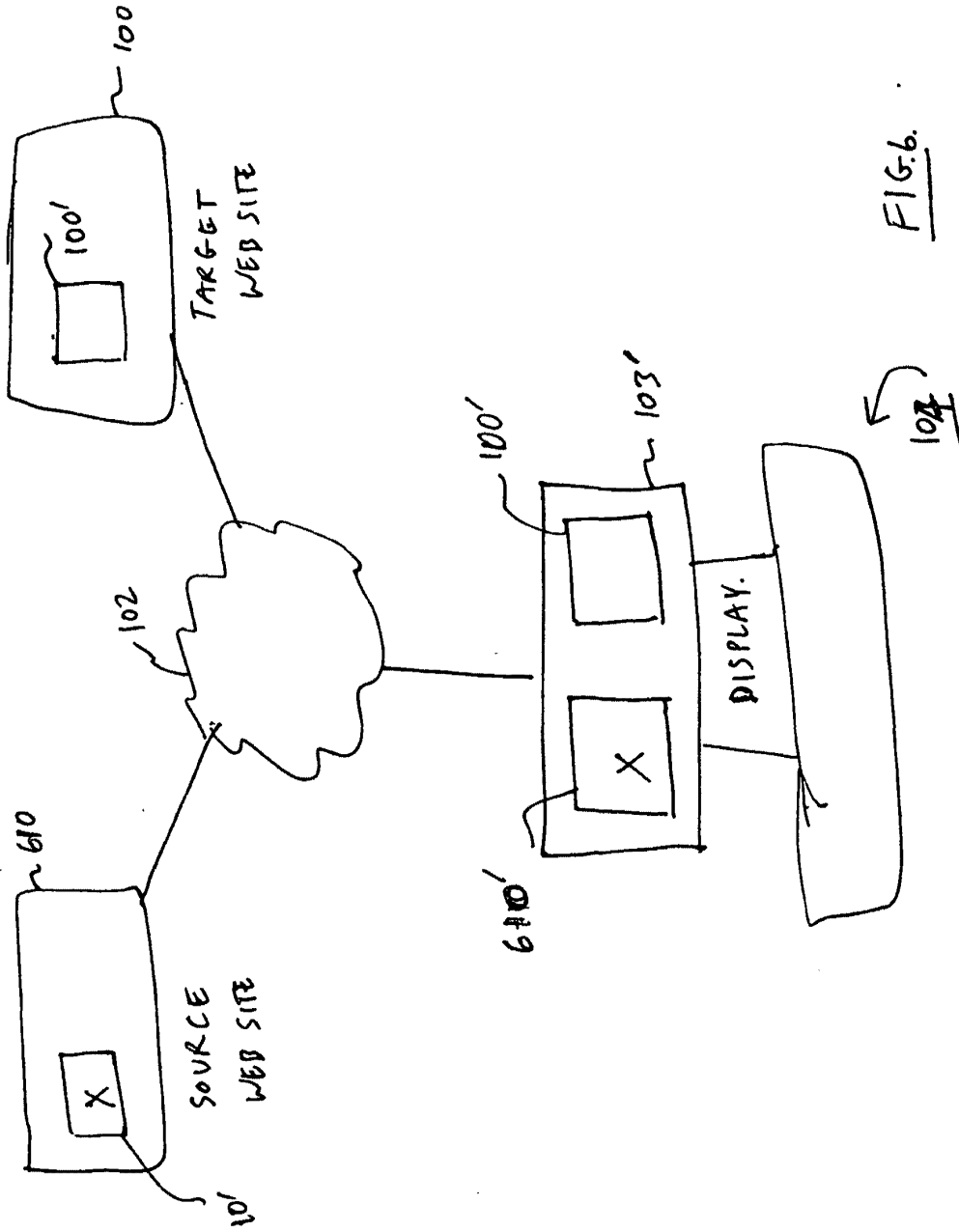
FILENAME:

ISBN No:

USER PERMISSIONS (DEFAULT)

FIG. 5
CONTENTS OF A REQUEST TO ADD AN ITEM
TO A USER LIBRARY

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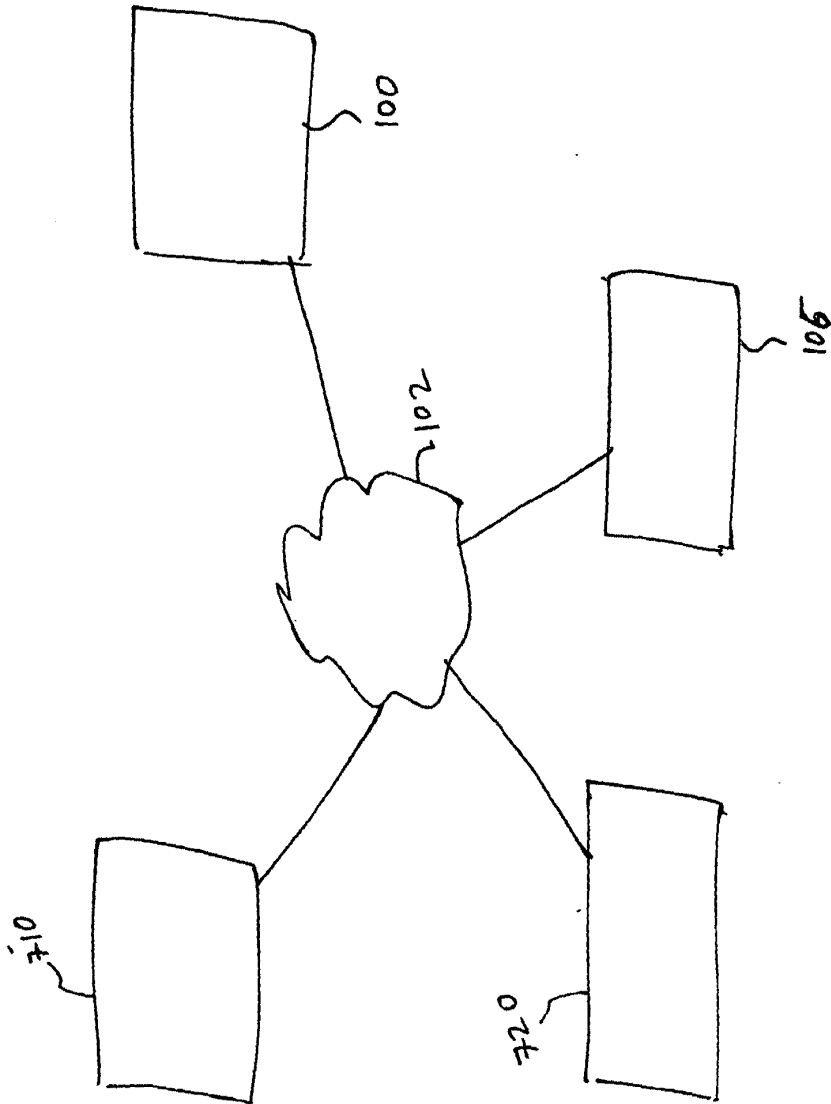


FIG. 7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **ONLINE PERSONAL LIBRARY** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me that is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

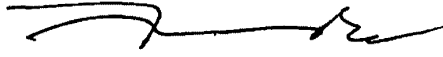
09/478,796 filed January 7, 2000.

09534725-08500

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.

I hereby appoint Naren Chaganti (Reg. No. 44,602) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

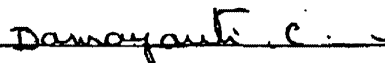
Full name of 1st joint inventor: **Naren Chaganti**

Inventor's signature  Date 8-5-00

Residence: 524 Kendall Ave, #5 Palo Alto, CA 94306

Citizenship: INDIA


Full name of 2nd joint inventor: **Damayanti Chaganti**

Inventor's signature  Date 8-5-00

Residence: 524 Kendall Ave, #5 Palo Alto, CA 94306

Citizenship: INDIA

Full name of 3rd joint inventor: **Sitapati Rao Chaganti**

Inventor's signature  Date 08/05/00

Residence: 524 Kendall Ave, #5 Palo Alto, CA 94306

Citizenship: INDIA

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Fax No.: (650) 813-9934

All written communications are to be addressed to:

Naren Chaganti
524 Kendall Ave, #5
Palo Alto, CA 94306

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Naren Chaganti, et al.

Application No.:	Group Art Unit:
Filed: August 5, 2000	Examiner:
For: ONLINE PERSONAL LIBRARY	Attorney Docket No.: PSCO-007

Statement Claiming Small Entity Status

Under 37 CFR 1.9(f) and 1.27(c)—Small Business Concern

I hereby state that I am an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: **PENAR SOFTWARE CORPORATION**
Address of Small Business Concern: **524 KENDALL AVE, #5 PALO ALTO, CA 94306**

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 C.F.R. Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office. Questions related to size standards for a small business concern may be directed to: Small Business Administration, Size Standards Staff, 409 Third Street, SW, Washington, D.C. 20416.

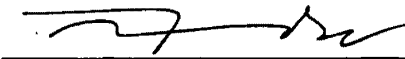
I hereby state that the rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in the specification filed herewith with title as listed above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to any invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e)

None

I acknowledge the duty to file, in this application or patent, or notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

Date **August 5, 2000**



Naren Chaganti
President
524 Kendall Ave, #5
Palo Alto, CA 94306
(650) 813-9932

005080 "S24HE960

Date: 05/05/10

Approved for use through 7/31/2006. OMB 0651-0032
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/799,945							
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 (\$)	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)		
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	165	N/A	165	N/A		N/A			
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	270	N/A	270	N/A		N/A			
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110	N/A	110	N/A		N/A			
TOTAL CLAIMS (37 CFR 1.16(i))	8	minus 20 =	x\$26		x\$52		x\$26		x\$52			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 = *	x\$110		x\$220		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 \$260 (\$130 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				390			
			TOTAL	545			TOTAL					
* If the difference in column 1 is less than zero, enter "0" in column 2.												
APPLICATION AS AMENDED – PART II												
(Column 1)			(Column 2)			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 (\$)	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus **	=	X =	=	X =	=	X =	=	=	
	Independent (37 CFR 1.16(h))	*	Minus ***	=	X =	=	X =	=	X =	=	=	
	Application Size Fee (37 CFR 1.16(s))			N/A		N/A		N/A		N/A		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			N/A		N/A		N/A		N/A		
			TOTAL	ADD'T FEE			TOTAL			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.

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