

# EXHIBIT B



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UNITED STATES DEPARTMENT OF COMMERCE  
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,596	02/20/2007	7181459	9119/8661	5734

25226 7590 01/31/2007  
MORRISON & FOERSTER LLP  
755 PAGE MILL RD  
PALO ALTO, CA 94304-1018

### 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 380 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>).

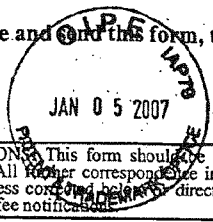
Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (571)-272-4200.

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

Lee H. Grant, Davis, CA;  
Susana A. Capizzi, Davis, CA;

PART B - FEE(S) TRANSMITTAL 1-8-07

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 other 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 notification.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

25226 7590 10/06/2006  
**MORRISON & FOERSTER LLP**  
 755 PAGE MILL RD  
 PALO ALTO, CA 94304-1018

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 BY "EXPRESS MAIL"

Express Mail Label No.: EV 377985494 US  
 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: MS Issue Fee, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

Lori Sims	(Depositor's name)
<i>[Signature]</i>	(Signature)
January 5 2007	(Date)

01/08/2007 WABDEL3 0000051 031952 10082596  
 01 FC:2501 700.00 DA  
 02 FC:1504 300.00 DA  
 03 FC:8001 18.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/082,596 02/22/2002 Lee H. Grant 91198661 5734

TITLE OF INVENTION: METHOD OF CODING, CATEGORIZING, AND RETRIEVING NETWORK PAGES AND SITES 5734 2000120

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	01/08/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
ROBINSON, GRETA LEE	2168	707-100000

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 Morrison & Foerster LLP  
 (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: ICONFIND, INC.  
 (B) RESIDENCE: (CITY and STATE OR COUNTRY) Davis, California  
 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 six (6)

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 03-1952 (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: *[Signature]* Date: January 5, 2007  
 Typed or printed name: Thomas C. Chan Registration No. 51,543

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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NOTICE OF ALLOWANCE AND FEE(S) DUE

25226 7590 10/06/2006
MORRISON & FOERSTER LLP
755 PAGE MILL RD
PALO ALTO, CA 94304-1018

EXAMINER: ROBINSON, GRETA LEE
ART UNIT: 2168 PAPER NUMBER:
DATE MAILED: 10/06/2006

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
10/082,596 02/22/2002 Lee H. Grant 9119/8661 5734

TITLE OF INVENTION: METHOD OF CODING, CATEGORIZING, AND RETRIEVING NETWORK PAGES AND SITES

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 \$700 \$300 \$0 \$1000 01/08/2007

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  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

25226 7590 10/06/2006

**MORRISON & FOERSTER LLP**  
**755 PAGE MILL RD**  
**PALO ALTO, CA 94304-1018**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,596	02/22/2002	Lee H. Grant	9119/8661	5734

TITLE OF INVENTION: METHOD OF CODING, CATEGORIZING, AND RETRIEVING NETWORK PAGES AND SITES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	01/08/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
ROBINSON, GRETA LEE	2168	707-100000

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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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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,596	02/22/2002	Lee H. Grant	9119/8661	5734

25226 7590 10/06/2006  
MORRISON & FOERSTER LLP  
755 PAGE MILL RD  
PALO ALTO, CA 94304-1018

EXAMINER

ROBINSON, GRETA LEE

ART UNIT	PAPER NUMBER
2168	

2168

DATE MAILED: 10/06/2006

**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 380 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 380 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.

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/082,596	GRANT ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Greta L. Robinson	2168	

**-- 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 July 26, 2006.
2.  The allowed claim(s) is/are 1, 3-6, 8-32 and 51 (now renumbered as claims 1-31).
3.  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.**

4.  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.
5.  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).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

### DETAILED ACTION

1. Claims 1, 3-6, 8-32 and 51 are pending in the present application.
2. Claims 2, 7, 33-50 have been cancelled; and claims 1, 21, 32 and 51 have been amended.

### *Drawings*

3. The drawings were received on July 26, 2006. These drawings are acceptable.

### EXAMINER'S AMENDMENT

4. 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.
5. The application has been amended as follows:

In the specification on **page 1 line 3** after "filed on May 3, 2000,"

**insert** now abandoned,

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



Applicants amendment and remarks filed April 10, 2006 and July 26, 2006 overcomes the drawing objection, rejection cited under 35 USC 112, and 35 USC 103(a) citing Cole et al. US Patent 5,933,827. The prior art of record fails to teach *assigning said network page to one or more of said list of categories, providing a categorization label for the network page using the copyright status of material on the network page; and controlling usage of the network page using the categorization label and the copyright status of the network page* as cited in independent claims 1, 32 and 51.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### **Conclusion**


7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greta L. Robinson whose telephone number is (571)272-4118. The examiner can normally be reached on M-F 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/082,596  
Art Unit: 2168


Page 4

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.



GRETAROBINSON  
PRIMARY EXAMINER

Greta Robinson  
Primary Examiner  
October 4, 2006


<b>Issue Classification</b>		Application/Control No. 10082596	Applicant(s)/Patent under Reexamination GRANT ET AL.
		Examiner Robinson, Greta L.	Art Unit 2168

<b>ORIGINAL</b>		<b>INTERNATIONAL CLASSIFICATION</b>			
CLASS	SUBCLASS	CLAIMED		NON-CLAIMED	
707	100	G	0	6	F
				17 / 00	
<b>CROSS REFERENCE(S)</b>					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
707					

NONE (Assistant Examiner)	(Date)	<b>Total Claims Allowed:</b>	
<i>[Signature]</i>	10/15/06	31	
Greta Robinson (Primary Examiner)	10/04/2006 (Date)	O.G. Print	1


U.S. Patent and Trademark Office

Part of Paper No. 20061004

<b>Search Notes</b>  	Application/Control No.  10082596	Applicant(s)/Patent Under Reexamination  GRANT ET AL.
	Examiner Robinson, Greta L	Art Unit 2168


Notes	Date	Examiner
EAST and ACM Digital Library	10/04/06	GR

U.S. Patent and Trademark Office	Part of Paper No.: 20061004
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<b>Searched</b>  	Application/Control No.  10082596	Applicant(s)/Patent Under Reexamination  GRANT ET AL.
	Examiner Robinson, Greta L	Art Unit 2168

Class	SubClass	Date	Examiner
707	10, 100, 102, 9, 104.1	10/04/06	GR
715	700	10/04/06	GR

U.S. Patent and Trademark Office	Part of Paper No.: 20061004
----------------------------------	-----------------------------

<b>Interference Searched</b>  	Application/Control No.  10082596	Applicant(s)/Patent Under Reexamination  GRANT ET AL.
	Examiner Robinson, Greta L	Art Unit 2168

Class	SubClass	Date	Examiner
707	10, 100; 102, 9, 104.1	10/04/06	GR
715	700	10/04/06	GR

U.S. Patent and Trademark Office	Part of Paper No.:	20061004
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# Index of Claims



Application/Control No.  
10082596

Applicant(s)/Patent under Reexamination  
GRANT ET AL.

Examiner  
Robinson, Greta L.

Art Unit  
2168

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE									
Final	Original	10/4/2006									
1	1	=									
	2	-									
2	3	=									
3	4	=									
4	5	=									
5	6	=									
	7	-									
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30	32	=									
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**Index of Claims**



Application/Control No.

10082596

Applicant(s)/Patent under Reexamination

GRANT ET AL.

Examiner

Robinson, Greta L

Art Unit

2168

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

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

CLAIM		DATE									
Final	Original	10/4/2006									
	34	-									
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SERIAL NUMBER	FILING OR 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.	
10/082,596	02/22/2002	707	2168	9119/8661	
<b>APPLICANTS</b> Lee H. Grant, Davis, CA; Susan A. Capizzi, Davis, CA;					
<b>** CONTINUING DATA *****</b> This application is a CIP of 09/565,695 05/03/2000 ABN which claims benefit of 60/132,694 05/04/1999 This application 10/082,596 claims benefit of 60/271,041 02/23/2001 <i>clm</i> and claims benefit of 60/311,379 08/09/2001					
<b>** FOREIGN APPLICATIONS *****</b> <i>NONE clm</i>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY **</b> ** 03/26/2002					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance		<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 9	<b>TOTAL CLAIMS</b> 50	<b>INDEPENDENT CLAIMS</b> 11
Verified and Acknowledged Examiner's Signature <i>clm</i> Initials					
<b>ADDRESS</b> 25226					
<b>TITLE</b> Method of coding, categorizing, and retrieving network pages and sites					
<b>FILING FEE RECEIVED</b> 976	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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Relevance scale

1 [Performance Workload Char. and Adaptation: Improving web performance by client](#)

[characterization driven server adaptation](#)

Balachander Krishnamurthy, Craig E. Wills

May 2002 **Proceedings of the 11th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(241.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We categorize the set of clients communicating with a server on the Web based on information that can be determined by the server. The Web server uses the information to direct tailored actions. Users with poor connectivity may choose not to stay at a Web site if it takes a long time to receive a page, even if the Web server at the site is not the bottleneck. Retaining such clients may be of interest to a Web site. Better connected clients can receive enhanced representations of Web pages, such ...

**Keywords:** client characterization, client connectivity, server adaptation

2 [Intelligent web information access: An intelligent search agent system for semantic information retrieval on the internet](#)

[information retrieval on the internet](#)

Carmine Cesarano, Antonio d'Acierno, Antonio Picariello

November 2003 **Proceedings of the 5th ACM international workshop on Web information and data management**

Publisher: ACM Press

Full text available: pdf(332.66 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we describe a prototype system for information retrieval on the Internet. Our idea is that the Web has to be searched both *semantically* and *syntactically*. In order to automatically categorize the web pages *on the fly* we propose a novel approach based on ontology and semantic networks and we describe a prototype system based on the Intelligent Agent Paradigm. Preliminary experiments are shown and discussed while describing open problems and on-going research.

**Keywords:** information retrieval, ontology, semantic network, web agents

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Relevance scale

1 [Device-aware desktop web page transformation for rendering on handhelds](#)

A. Artail, Mackram Raydan

November 2005 **Personal and Ubiquitous Computing**, Volume 9 Issue 6

**Publisher:** Springer-Verlag

Full text available: pdf(752.77 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper illustrates a new approach to automatic re-authoring of web pages for rendering on small-screen devices. The approach is based on automatic detection of the device type and screen size from the HTTP request header to render a desktop web page or a transformed one for display on small screen devices, for example, PDAs. Known algorithms (transforms) are employed to reduce the size of page elements, to hide parts of the text, and to transform tables into text while preserving the structu ...

**Keywords:** Context awareness, Mobile device types, Small screen devices, Transcoding, Web browsing, Web page rendering, Wireless devices

2 [IEEE/ACM Transactions on Networking \(TON\) Volume 1 Issue 1](#)

February 1993 issue , Volume 1 Issue 1

**Publisher:** IEEE Press

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Vol. 1, No. 1 (February 1993). Published bimonthly by The Institute of Electrical and Electronics Engineers, Inc. and the Association for Computing Machinery, Inc. Annual subscription: \$235 (nonmembers), \$22 (IEEE and ACM members). Subscriptions should be sent to the IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331. ACM order number 11509300. ISSN 1063-6692. The explosive growth in the research, development, ...

3 [Miscellaneous: Dynamic page migration with stochastic requests](#)



Marcin Bienkowski

July 2005 **Proceedings of the seventeenth annual ACM symposium on Parallelism in algorithms and architectures SPAA '05**

**Publisher:** ACM Press


Full text available: pdf(231.03 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The page migration problem is one of subproblems of data management in networks. It occurs in a distributed network of processors sharing one indivisible memory page of size


D. During runtime, the processors access a unit of data from the page, and the system is allowed to migrate the page between the processors. The problem is to compute (on-line) a schedule of page movements to minimize the total communication cost. The Dynamic Page Migration problem is an extension to the page migration ...

**Keywords:** data management, dynamic networks, mobile networks, online algorithms, page migration

#### 4 Reducing network latency using subpages in a global memory environment

 Hervé A. Jamrozik, Michael J. Feeley, Geoffrey M. Voelker, James Evans, Anna R. Karlin, Henry M. Levy, Mary K. Vernon  
September 1996 **ACM SIGPLAN Notices , ACM SIGOPS Operating Systems Review , Proceedings of the seventh international conference on Architectural support for programming languages and operating systems ASPLOS-VII**, Volume 31 , 30 Issue 9 , 5

**Publisher:** ACM Press


Full text available:  [pdf\(1.19 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

New high-speed networks greatly encourage the use of network memory as a cache for virtual memory and file pages, thereby reducing the need for disk access. Because pages are the fundamental transfer and access units in remote memory systems, page size is a key performance factor. Recently, page sizes of modern processors have been increasing in order to provide more TLB coverage and amortize disk access costs. Unfortunately, for high-speed networks, *small* transfers are needed to provide ...

#### 5 Page table management in local/remote architectures

 M. A. Holliday  
June 1988 **Proceedings of the 2nd international conference on Supercomputing**

**Publisher:** ACM Press


Full text available:  [pdf\(783.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We conjecture that a paged memory with page migration by the operating system may be an effective system environment for a local/remote shared memory architecture executing a single parallel computation. Implementing a paged memory in such an architecture raises several issues with respect to page table management. These issues include page table placement, page table replication level, and page table storage overhead. We discuss these issues, propose alternative solutions, and present an e ...

#### 6 Caching in the Sprite network file system


 M. Nelson, B. Welch, J. Ousterhout  
November 1987 **ACM SIGOPS Operating Systems Review , Proceedings of the eleventh ACM Symposium on Operating systems principles SOSP '87**, Volume 21 Issue 5

**Publisher:** ACM Press

Full text available:  [pdf\(212.94 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes a simple distributed mechanism for caching files among a networked collection of workstations. We have implemented it as part of Sprite, a new operating system being implemented at the University of California at Berkeley. A preliminary version of Sprite is currently running on Sun-2 and Sun-3 workstations, which have about 1-2 MIPS processing power and 4-16 Mbytes of main memory. The system is targeted for workstations like these and newer models likely to become avail ...


7 [An improved network clustering method for I/O-efficient query processing](#) 


 Sung-Ho Woo, Sung-Bong Yang  
November 2000 **Proceedings of the 8th ACM international symposium on Advances in geographic information systems**

**Publisher:** ACM Press

Full text available:  [pdf\(651.16 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Efficient network query processing is extremely important in Geographical Information Systems (GIS) and Intelligent Transportation Systems (ITS) which include various applications of transportation, utility and communication networks, etc. In order to reduce the I/O cost in network query processing a given network should be stored with high disk-space utilization and a low edge-cut ratio. To do so the nodes in the network should be clustered in such a way that each cluster fits in a disk page ...


8 [Campus computing newsletter editors & the network: a new role for the 1990s](#) 


 Wendy Rickard Bollentin  
August 1990 **Proceedings of the 18th annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press


Additional Information: [full citation](#), [abstract](#), [index terms](#)

Campus computing newsletter editors have traditionally been responsible for disseminating relevant technical and general information to a specific user community; most often members of the computing department. As information technology and computer networks become more readily available to a wider range of individuals — and classrooms — editors must now also address a more diverse user community. How do campus computing publications specialists keep up with these and ...

9 [Caching I: Fighting against two adversaries: page migration in dynamic networks](#) 


 Marcin Bienkowski, Miroslaw Korzeniowski, Friedhelm Meyer auf der Heide  
June 2004 **Proceedings of the sixteenth annual ACM symposium on Parallelism in algorithms and architectures**

**Publisher:** ACM Press

Full text available:  [pdf\(236.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)


Page migration is one of the fundamental subproblems in the framework of data management in networks. It occurs in a distributed network of processors sharing one indivisible memory page of size  $D$ , which is stored in one of the processors. During runtime, processors access unit size data items from the page, and the system is allowed to move the page from one processor to another in order to minimize the total communication cost. This problem was considered in the online setting numerous t ...

**Keywords:** data management, online algorithms, page migration

10 [Shared memory parallelism: Hardware profile-guided automatic page placement for ccNUMA systems](#) 

 Jaydeep Marathe, Frank Mueller  
March 2006 **Proceedings of the eleventh ACM SIGPLAN symposium on Principles and practice of parallel programming PPOPP '06**


**Publisher:** ACM Press


Full text available:  [pdf\(167.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Cache coherent non-uniform memory architectures (ccNUMA) constitute an important class of high-performance computing platforms. Contemporary ccNUMA systems, such as the SGI Altix, have a large number of nodes, where each node consists of a small number


of processors and a fixed amount of physical memory. All processors in the system access the same global virtual address space but the physical memory is distributed across nodes, and coherence is maintained using hardware mechanisms. Accesses to ...

**Keywords:** NUMA, hardware performance monitoring, page placement, profile-guided optimization

11 Windows scheduling as a paradigm for pushing information in wireless networks 

 Amotz Bar-Noy  
September 2003 **Proceedings of the 2003 joint workshop on Foundations of mobile computing**

**Publisher:** ACM Press


Full text available:  pdf(100.69 KB) Additional Information: [full citation](#), [abstract](#)

Given are  $n$  positive integers  $w_1, w_2, \dots, w_n$  called windows. The windows are associated with  $n$  equal length information pages. In the windows scheduling problem, the goal is to schedule all the pages on minimum number of identical broadcasting channels such that the gap between two consecutive appearances of page  $i$  on any of the channels is at most  $w_i$  time slots where a time slot is the broadcasting time of one page. Our main application for windows scheduling is ...

12 Reliability for NSWAP 


America Holloway, Jennifer Barry, Heather Jones  
May 2005 **Journal of Computing Sciences in Colleges**, Volume 20 Issue 5

**Publisher:** Consortium for Computing Sciences in Colleges


Full text available:  pdf(120.31 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

We present reliability schemes for network swapping enabled Linux clusters. As processor speeds have continued to increase, disk speeds have failed to keep pace, resulting in application performance being restricted by slow disk access. This problem can be alleviated in cluster systems by using idle RAM of other nodes as swap space, a strategy known as network swapping. Nswap, a network swapping system, allows each node in the cluster to either swap-out pages or swap-in pages, according to its c ...


13 Evolution of Xerox's network systems architecture 


 Lawrence Garlick  
April 1983 **ACM SIGCOMM Computer Communication Review, Proceedings of the symposium on Communications Architectures & Protocols COMM '83**, Volume 13 Issue 2

**Publisher:** ACM Press


Full text available:  pdf(106.18 KB) Additional Information: [full citation](#), [abstract](#)

Research and development at Xerox's Palo Alto Research Center (PARC) and Office Systems Division (OSD) have led to many advances in an evolving network architecture. As early experimenters in local area networking, researchers at PARC built a prototype of what is becoming the basis for an international standard. Their early work with networked personal workstations, distributed networked services, and local network interconnection provided valuable insight into requirements for higher level p ...


14 Tradeoffs between false sharing and aggregation in software distributed shared memory 


 Cristiana Amza, Alan Cox, Karthick Rajamani, Willy Zwaenepoel  
June 1997 **ACM SIGPLAN Notices, Proceedings of the sixth ACM SIGPLAN symposium on Principles and practice of parallel programming PPOPP '97**, Volume 32 Issue 7

**Publisher:** ACM Press

Full text available:  pdf(1.09 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Software Distributed Shared Memory (DSM) systems based on virtual memory techniques traditionally use the hardware page as the consistency unit. The large size of the hardware page is considered to be a performance bottleneck because of the implied false sharing overheads. Instead, we show that in the presence of a relaxed consistency model and a multiple writer protocol, a large consistency unit is generally not detrimental to performance. We study the tradeoffs between false sharing and aggreg ...

15 [Managing server load in global memory systems](#) 


 Geoffrey M. Voelker, Hervé A. Jamrozik, Mary K. Vernon, Henry M. Levy, Edward D. Lazowska


June 1997 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1997 ACM SIGMETRICS international conference on Measurement and modeling of computer systems SIGMETRICS '97**, Volume 25 Issue 1

**Publisher:** ACM Press

Full text available:  pdf(2.26 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

New high-speed switched networks have reduced the latency of network page transfers significantly below that of local disk. This trend has led to the development of systems that use network-wide memory, or *global* memory, as a cache for virtual memory pages or file blocks. A crucial issue in the implementation of these global memory systems is the selection of the target nodes to receive replaced pages. Current systems use various forms of an approximate global LRU algorithm for making the ...


16 [Proceedings of 3rd ACM SIGCOMM workshop on Network and system support for games](#) 


 Wu-chang Feng  
August 2004 proceeding

**Publisher:** ACM Press

Additional Information: [full citation](#), [abstract](#)

It is a great pleasure to welcome you all to the *ACM SIGCOMM 2004 Workshops!*We are pleased to present an outstanding program consisting of four workshops: (1) Future Directions in Network Architecture (FDNA); (2) Network and System Support for Games (NetGames); (3) Practice and Theory of Incentives in Networked Systems (PINS); and (4) Network Troubleshooting: Research, Theory, and Operations Practice Meet Malfunctioning Reality (NetTs).Workshops were first introduced as a part of the ACM ...

17 [Proceedings of the ACM SIGCOMM workshop on Future directions in network architecture](#) 

 Kevin Fall, S. Keshav  
August 2004 proceeding


**Publisher:** ACM Press

Additional Information: [full citation](#), [abstract](#)

It is a great pleasure to welcome you all to the *ACM SIGCOMM 2004 Workshops!*We are pleased to present an outstanding program consisting of four workshops: (1) Future Directions in Network Architecture (FDNA); (2) Network and System Support for Games (NetGames); (3) Practice and Theory of Incentives in Networked Systems (PINS); and (4) Network Troubleshooting: Research, Theory, and Operations Practice Meet Malfunctioning Reality (NetTs).Workshops were first introduced as a part of the ACM ...


18 [Proceedings of the ACM SIGCOMM workshop on Network troubleshooting: research, theory and operations practice meet malfunctioning reality](#) 



 Jon C.R. Bennett, Mark Allman  
September 2004 proceeding  
**Publisher:** ACM Press  
Additional Information: [full citation](#), [abstract](#)



It is a great pleasure to welcome you all to the *ACM SIGCOMM 2004 Workshops!*We are pleased to present an outstanding program consisting of four workshops: (1) Future Directions in Network Architecture (FDNA); (2) Network and System Support for Games (NetGames); (3) Practice and Theory of Incentives in Networked Systems (PINS); and (4) Network Troubleshooting: Research, Theory, and Operations Practice Meet Malfunctioning Reality (NetTs).Workshops were first introduced as a part of the ACM ...

19 [Proceedings of the ACM SIGCOMM workshop on Practice and theory of incentives in networked systems](#) 

 Dina Katabi, Rahul Sami  
September 2004 proceeding  
**Publisher:** ACM Press  
Additional Information: [full citation](#), [abstract](#)

It is a great pleasure to welcome you all to the *ACM SIGCOMM 2004 Workshops!*We are pleased to present an outstanding program consisting of four workshops: (1) Future Directions in Network Architecture (FDNA); (2) Network and System Support for Games (NetGames); (3) Practice and Theory of Incentives in Networked Systems (PINS); and (4) Network Troubleshooting: Research, Theory, and Operations Practice Meet Malfunctioning Reality (NetTs).Workshops were first introduced as a part of the ACM ...

20 [Link mining: a survey](#) 

 Lise Getoor, Christopher P. Diehl  
December 2005 **ACM SIGKDD Explorations Newsletter**, Volume 7 Issue 2  
**Publisher:** ACM Press  
Full text available:  [pdf\(209.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Many datasets of interest today are best described as a linked collection of interrelated objects. These may represent homogeneous networks, in which there is a single-object type and link type, or richer, heterogeneous networks, in which there may be multiple object and link types (and possibly other semantic information). Examples of homogeneous networks include single mode social networks, such as people connected by friendship links, or the WWW, a collection of linked web pages. Examples of ...

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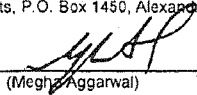
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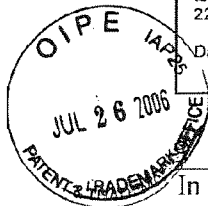
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Docket No.: 588582000120  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Lee H. GRANT et al.

Application No.: 10/082,596

Confirmation No.: 5734

Filed: February 22, 2002

Art Unit: 2168

For: METHOD OF CODING, CATEGORIZING,  
AND RETRIEVING NETWORK PAGES AND  
SITES

Examiner: G. Robinson

**AMENDMENT IN RESPONSE TO  
NOTICE OF NON-COMPLIANT AMENDMENT (37 CFR 1.121)**

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

Dear Sir:

**INTRODUCTORY COMMENTS**

This is in response to the non-compliant amendment on dated June 29, 2006 (Paper No./Mail Date 20060623), for which a response was due on July 29, 2006. Accordingly, this response, filed on July 26, 2006, is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

**Amendments to the Drawings** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.

An **Appendix** including amended drawing figures is attached following page 4 of this paper.

pa-1077862

**AMENDMENTS TO THE DRAWINGS**

The attached sheet(s) of drawings includes changes to Figures 1-3 and 5-9.

Attachment: 8 Replacement sheets – Figures 1-3 and 5-9.

**REMARKS**

**Drawings**

The Drawings stand objected to for various informalities detailed on pages 2-4 of the Office Action dated January 9, 2006 and further in the Notice of Non-Compliant Amendment of June 29, 2006.

Applicants have amended Figures 1-3 and 5-9 to make appropriate corrections and request the objections be withdrawn.

**CONCLUSION**

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 588582000120. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: July 26, 2006

Respectfully submitted,

By 

Thomas Chan

Registration No.: 51,543  
MORRISON & FOERSTER LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018  
(650) 813-5616

Attachments

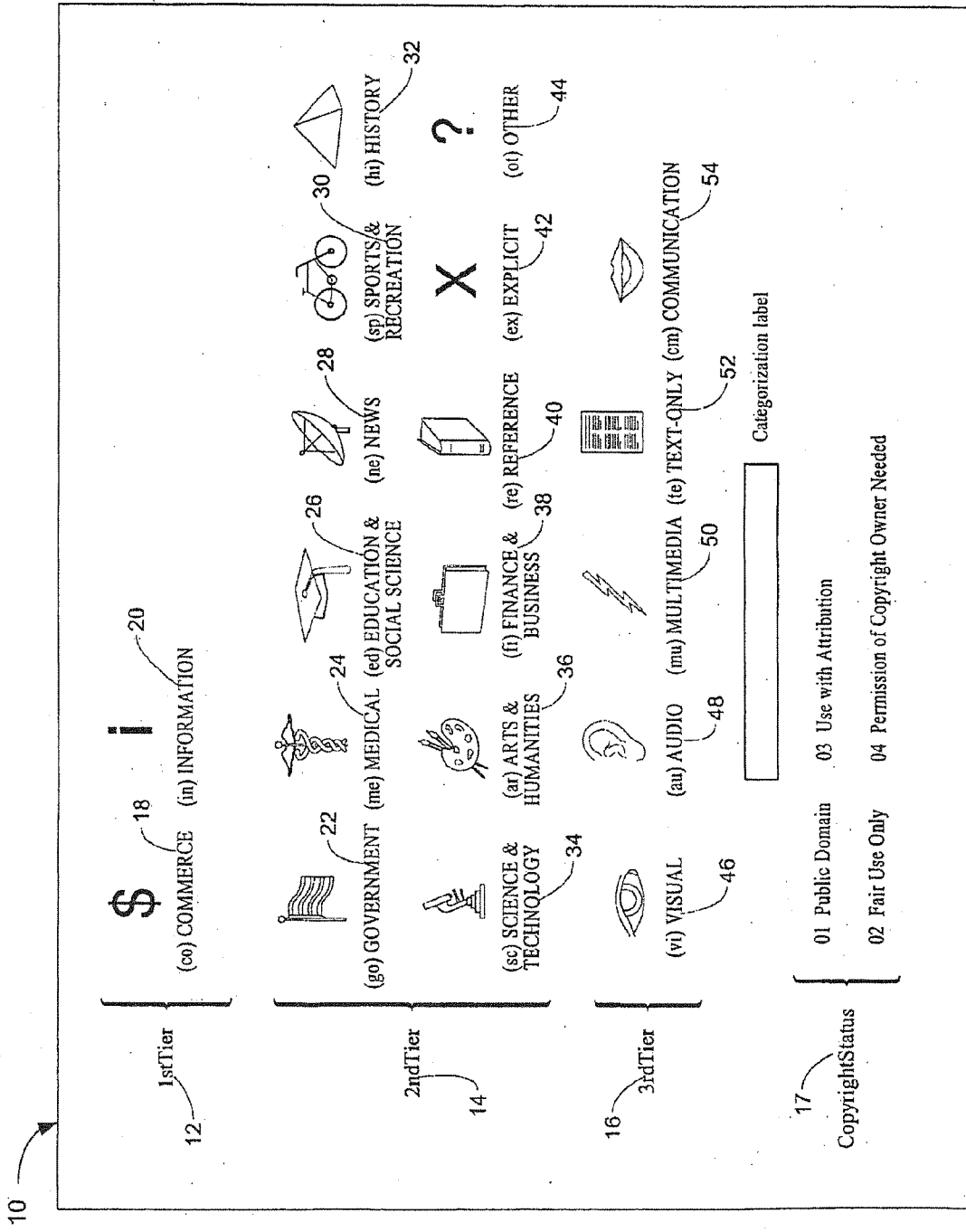


FIG. 1



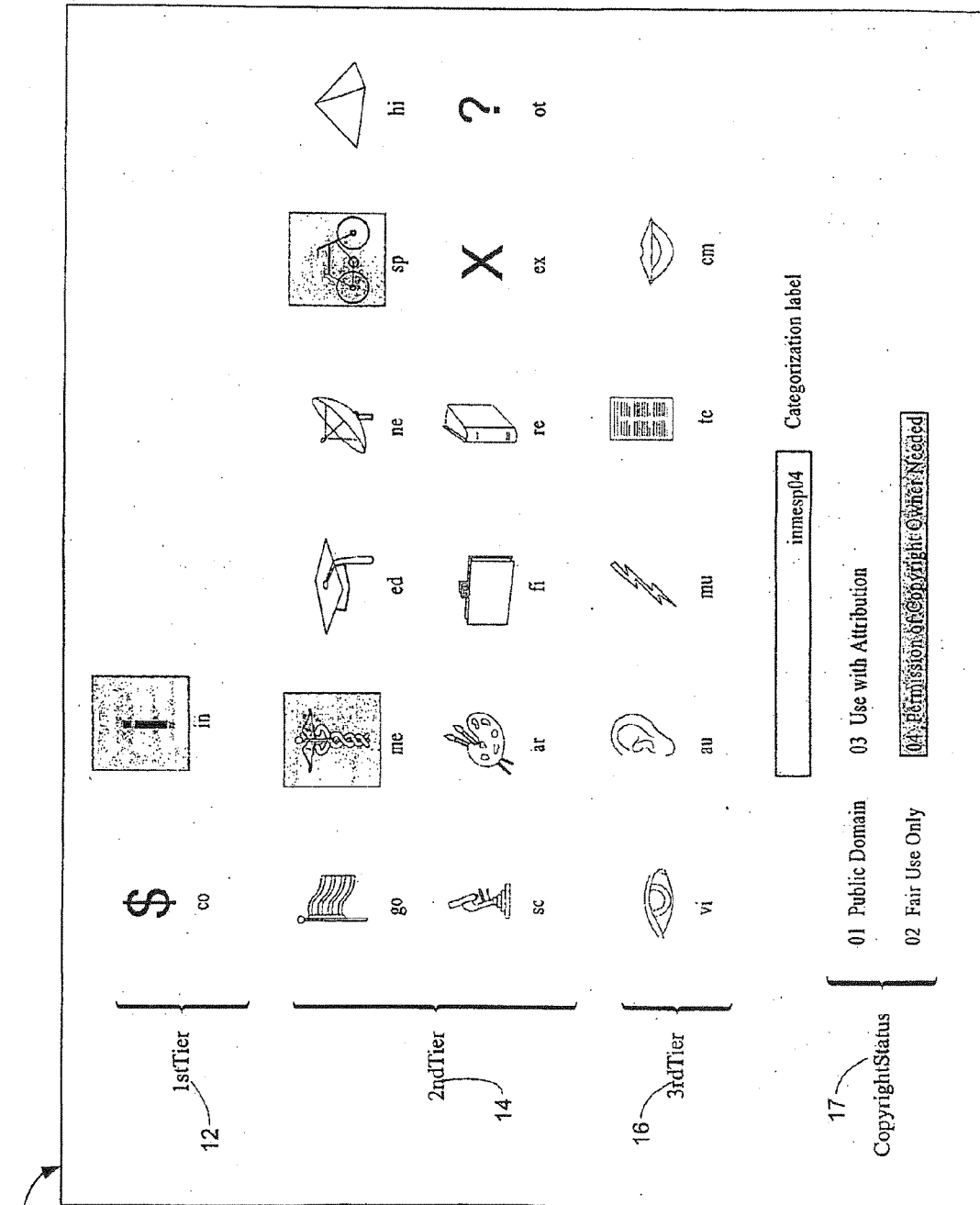


FIG. 2

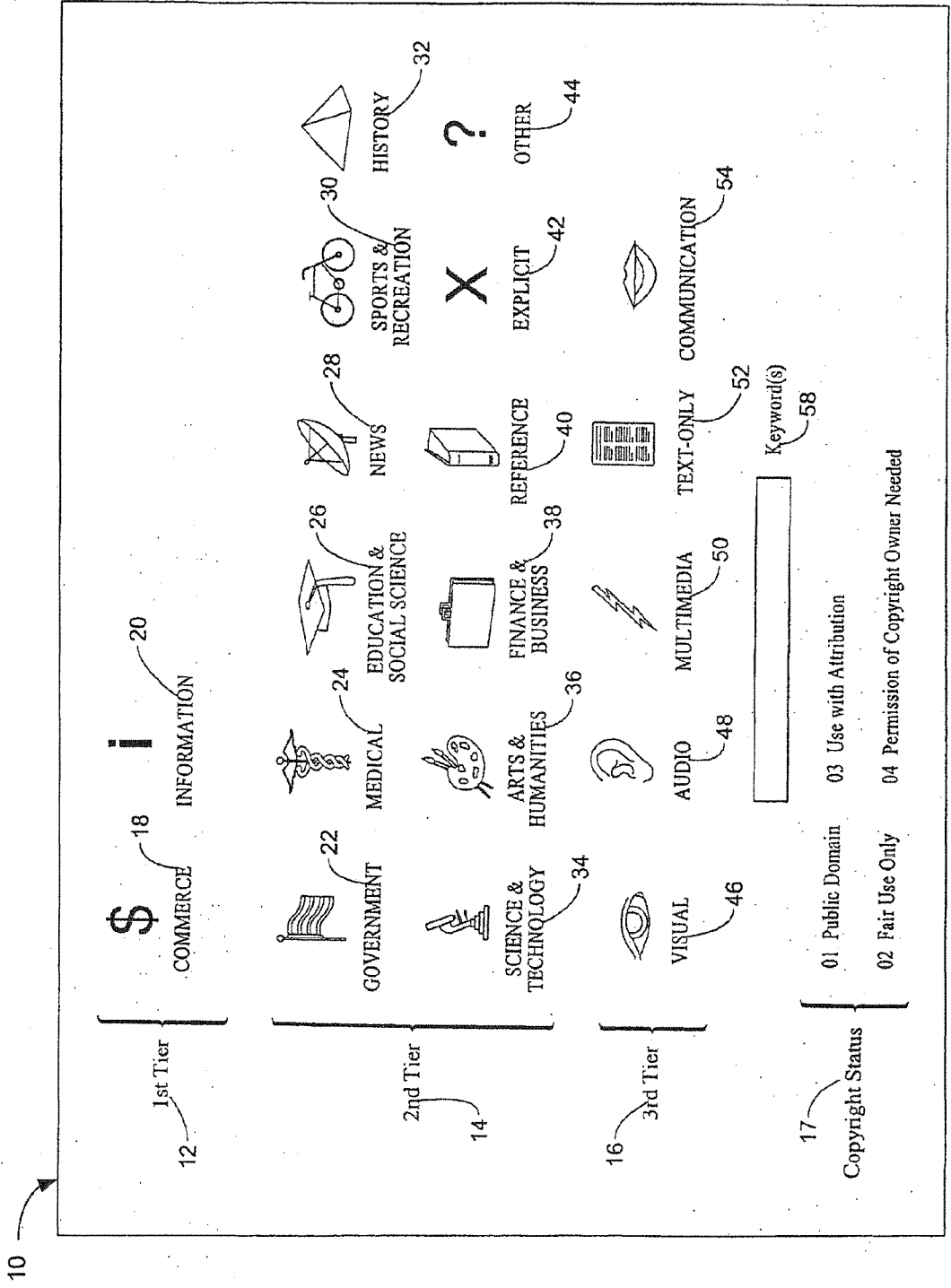


FIG. 3

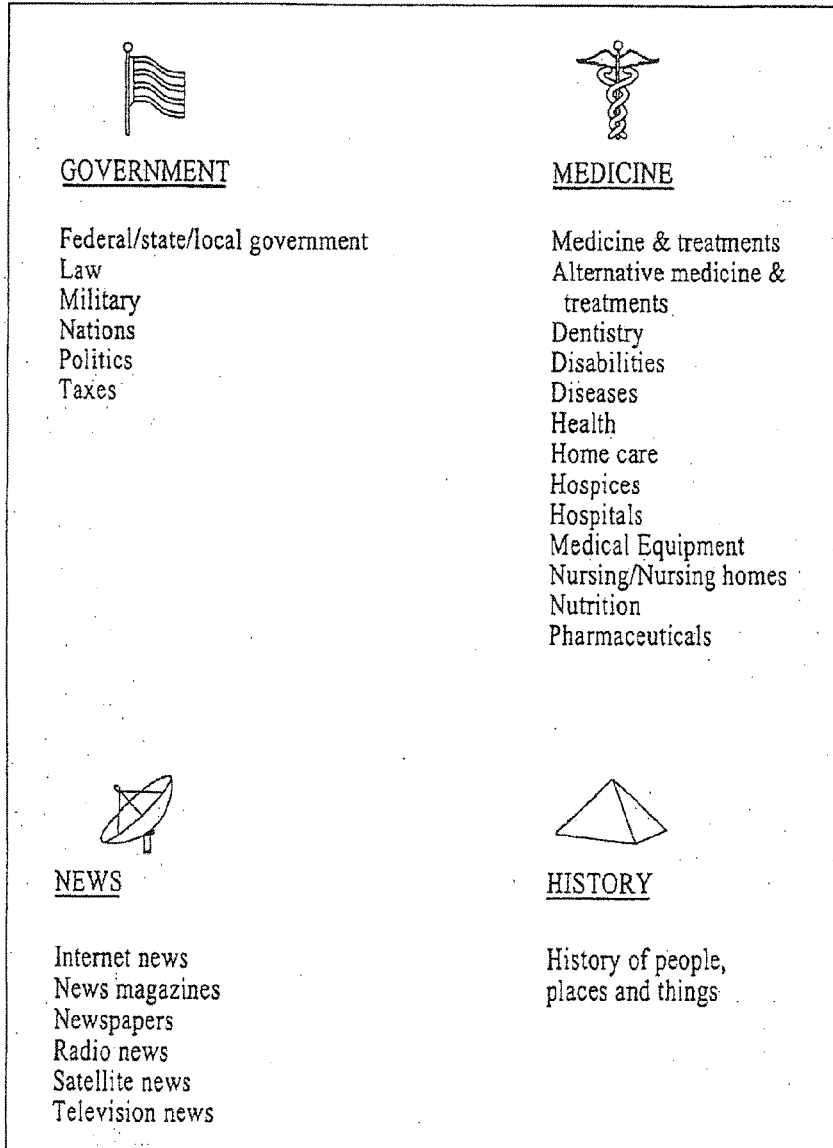


FIG. 5



EDUCATION & SOCIAL SCIENCES

Adult education  
Anthropology  
Archeology  
Colleges & universities  
Dissertations  
Economics  
Folklore  
Genealogy  
History  
Languages  
Philosophy  
Political Science  
Psychology  
Public & private schools  
Religion  
Research  
Social issues  
Statistics



SCIENCE & TECHNOLOGY

Aeronautics & space  
Agriculture  
Astronomy  
Biology  
Botany  
Chemistry  
Computers & Internet  
Ecology  
Electronics  
Engineering  
Geography (maps and atlases)  
Mathematics  
Oceanography  
Paleontology & paleozoology  
Physics  
Technical processes  
Technological advances  
Weather  
Zoology



SPORTS & RECREATION

Camping  
Crafts  
Food & cooking  
Games & toys  
Gardening  
Hobbies  
Home improvements  
Pets  
Sports (football, soccer,  
baseball, etc.)  
Theme parks  
Travel



ARTS & HUMANITIES

Architecture  
Dance  
Fine arts (painting,  
sculpture, etc.)  
Landscape architecture  
Literature  
Movies  
Music  
Performing arts  
Photography  
Television  
Theater  
Video

FIG. 6

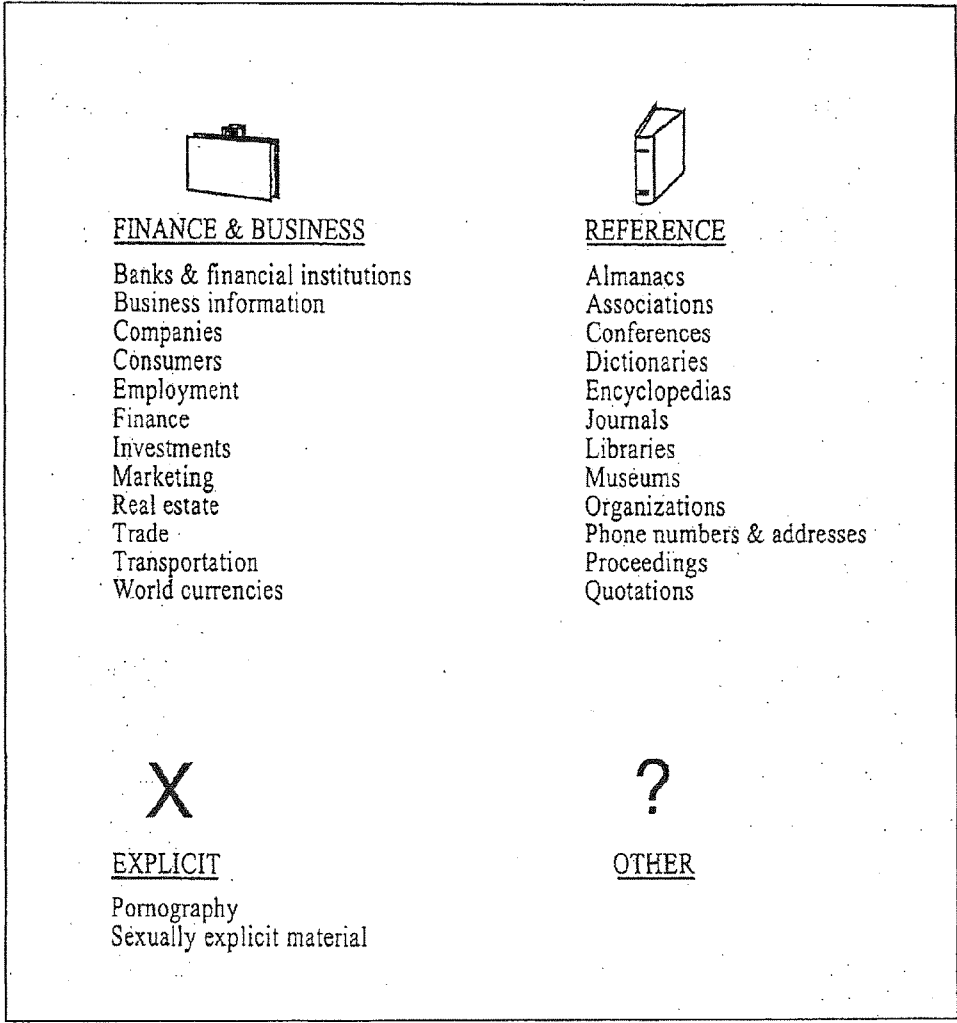


FIG. 7

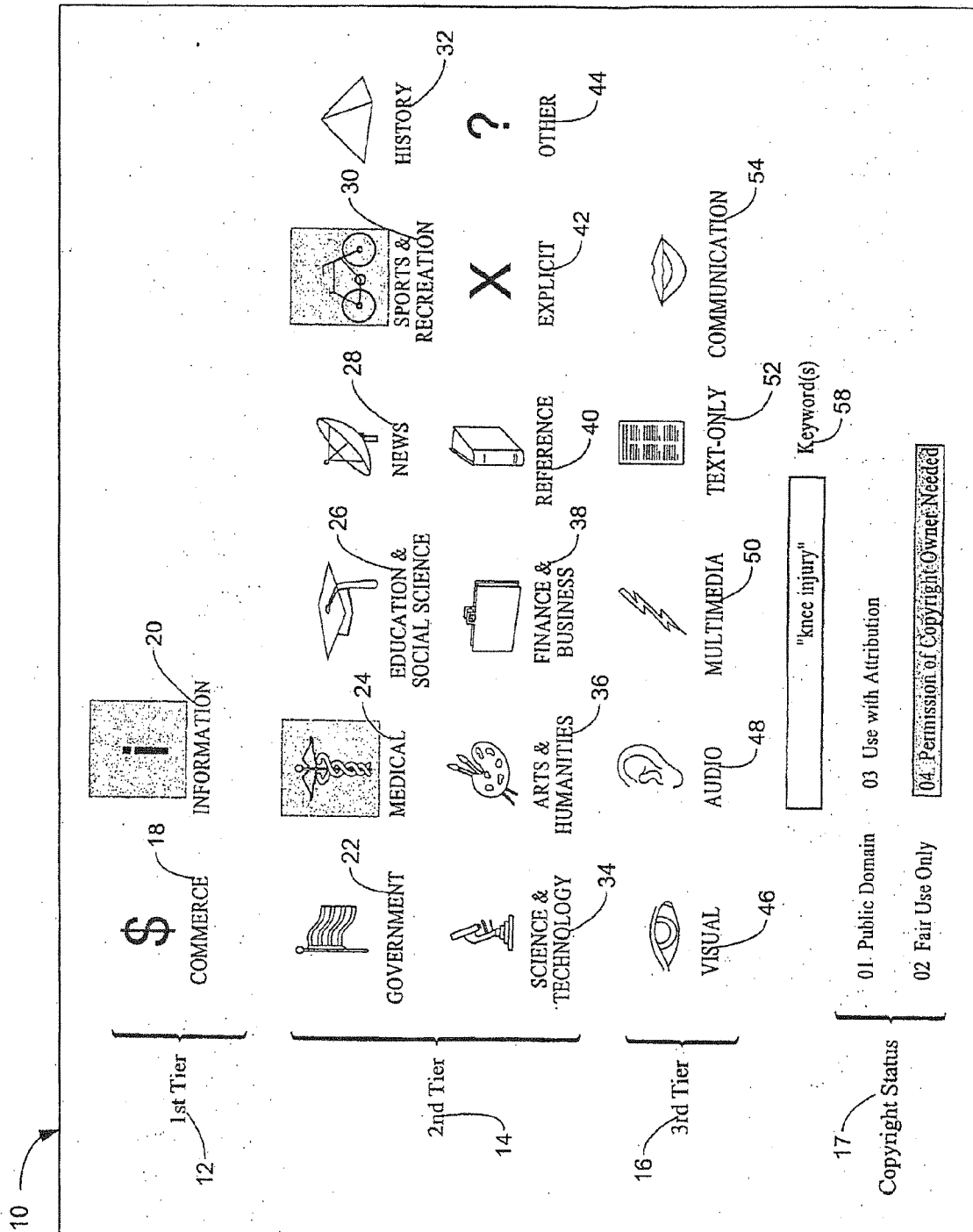


FIG. 8

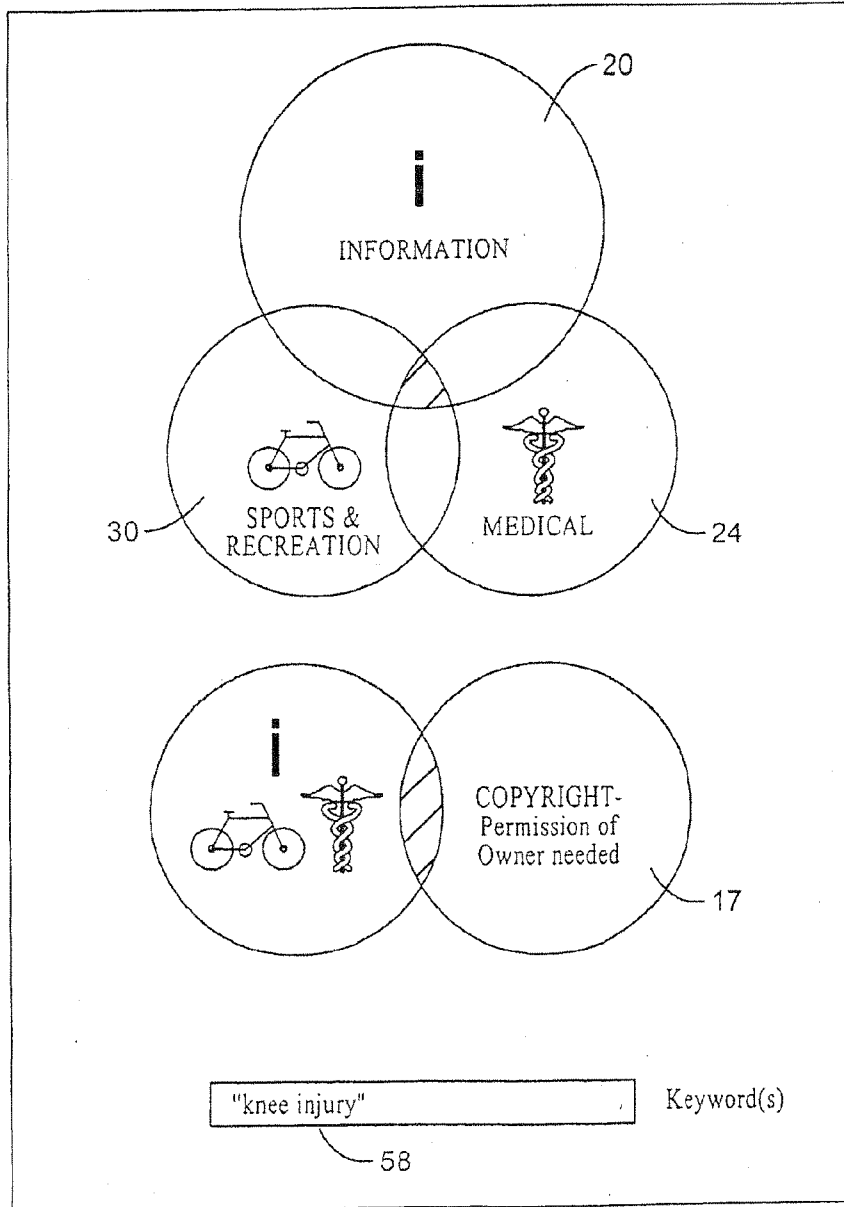
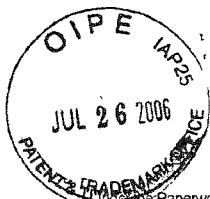


FIG. 9



07-28-06

JAN

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>		Application Number	10/082,596
		Filing Date	February 22, 2002
		First Named Inventor	Lee H. GRANT
		Art Unit	2168
		Examiner Name	G. Robinson
Total Number of Pages in This Submission	13	Attorney Docket Number	588582000120

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)(Replacement Figs. 1-3 and 5-9) - 8 Sheets	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply - 4 pages	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP	(Customer No. 25226)	
Signature			
Printed name	Thomas Chan		
Date	July 26, 2006	Reg. No.	51,543

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 534445223 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: July 26, 2006	Signature:  (Megha Aggarwal)

pa-1077863





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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,596	02/22/2002	Lee H. Grant	9119/8661	5734
25226	7590	06/29/2006	EXAMINER	
MORRISON & FOERSTER LLP 755 PAGE MILL RD PALO ALTO, CA 94304-1018			ROBINSON, GRETA LEE	
			ART UNIT	PAPER NUMBER
			2168	

DATE MAILED: 06/29/2006

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

**Notice of Non-Compliant  
Amendment (37 CFR 1.121)**

Application No.	Applicant(s)	
10/082,596	GRANT ET AL.	
Examiner	Art Unit	
Greta L. Robinson	2168	

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

The amendment document filed on 10 April 2006 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- 1. Amendments to the specification:
  - A. Amended paragraph(s) do not include markings.
  - B. New paragraph(s) should not be underlined.
  - C. Other \_\_\_\_\_.
- 2. Abstract:
  - A. Not presented on a separate sheet. 37 CFR 1.72.
  - B. Other \_\_\_\_\_.
- 3. Amendments to the drawings:
  - A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - C. Other See Continuation Sheet.
- 4. Amendments to the claims:
  - A. A complete listing of all of the claims is not present.
  - B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
  - D. The claims of this amendment paper have not been presented in ascending numerical order.
  - E. Other: \_\_\_\_\_.
- 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4):  
\_\_\_\_\_

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance. If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.
2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a *Quayle* action. If any of above boxes 1. to 4. are checked, the correction required is only the **corrected section** of the non-compliant amendment in compliance with 37 CFR 1.121.

**Extensions of time** are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action.

**Failure to timely respond** to this notice will result in:

- Abandonment** of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action; or
- Non-entry** of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Legal Instruments Examiner (LIE), if applicable

Telephone No.

Continuation of 3(c) Other: The drawing submitted are not corrected drawings. Note drawing objection cited in office action mailed January 9, 2006 pages 2-4. The cited Figures contain partial views and are not in compliance with 37 CFR 1.184(h). Also the orientation of the drawings submitted appear to be different than the original drawings, Applicant is reminded that any changes to the drawings should be noted in the remarks section of the response.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greta L. Robinson whose telephone number is (571)272-4118. The examiner can normally be reached on M-F 9:30AM-6:00PM.

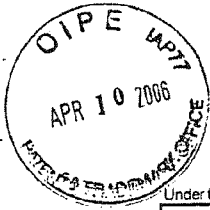
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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.



**GRETA ROBINSON**  
**PRIMARY EXAMINER**

Greta Robinson  
Primary Examiner  
June 23, 2006



04-12-06

FW

PTO/SB/21 (09-04)  
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP	(Customer No. 25226)	
Signature			
Printed name	Thomas Chan		
Date	April 10, 2006	Reg. No.	51,543

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Dated: April 10, 2006      Signature: (Georgina Matos)