

# EXHIBIT L



US009262384B2

(12) **United States Patent**  
**Davis**

(10) **Patent No.:** **US 9,262,384 B2**  
(45) **Date of Patent:** **\*Feb. 16, 2016**

(54) **MARKUP LANGUAGE SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT**

(71) Applicant: **e-Numerate Solutions, Inc.**, Great Falls, VA (US)

(72) Inventor: **Russell T Davis**, Bethesda, MD (US)

(73) Assignee: **e-Numerate Solutions, Inc.**, Great Falls, VA (US)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **14/724,794**

(22) Filed: **May 28, 2015**

(65) **Prior Publication Data**

US 2015/0261728 A1 Sep. 17, 2015

**Related U.S. Application Data**

(60) Continuation-in-part of application No. 12/222,751, filed on Aug. 15, 2008, which is a division of application No. 09/573,778, filed on May 18, 2000, now Pat. No. 7,421,648.

(60) Provisional application No. 60/183,152, filed on Feb. 17, 2000, provisional application No. 60/135,525, filed on May 21, 1999.

(51) **Int. Cl.**

- G06F 3/00** (2006.01)
- G06F 17/21** (2006.01)
- G06F 3/0484** (2013.01)
- G06F 3/0482** (2013.01)
- G06F 17/22** (2006.01)
- G06F 17/30** (2006.01)

(52) **U.S. Cl.**

CPC ..... **G06F 17/218** (2013.01); **G06F 3/0482** (2013.01); **G06F 3/0484** (2013.01); **G06F 17/2247** (2013.01); **G06F 17/30011** (2013.01); **G06F 17/30014** (2013.01); **G06F 17/30882** (2013.01)

(58) **Field of Classification Search**

CPC ..... G06F 17/218; G06F 17/2247; G06F 17/30011; G06F 17/30014; G06F 17/30882; G06F 3/04842; G06F 3/0482  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,674,043 A 6/1987 Hernandez et al.  
5,008,853 A 4/1991 Bly et al.

(Continued)

FOREIGN PATENT DOCUMENTS

WO 0072197 A2 11/2000  
WO 0161568 A2 8/2001

OTHER PUBLICATIONS

Non-Final Office Action from U.S. Appl. No. 11/819,125, dated Mar. 25, 2014.

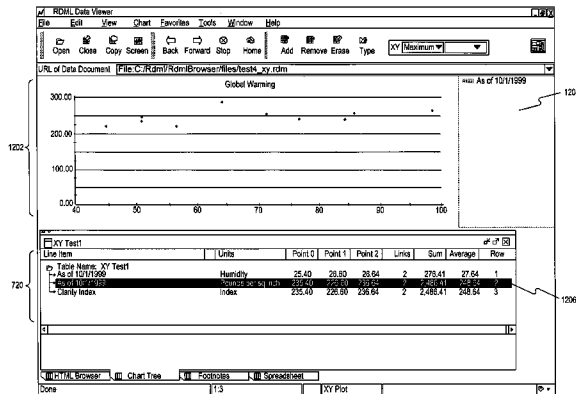
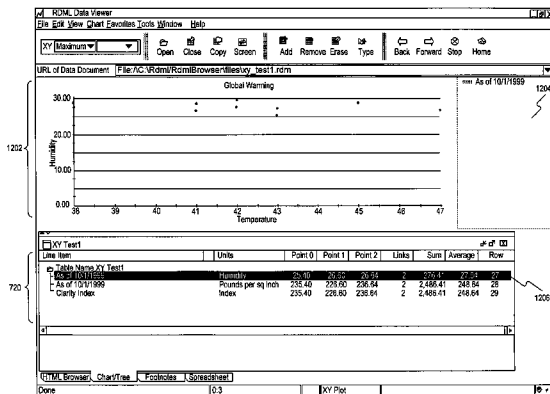
(Continued)

*Primary Examiner* — Kyle Stork

(57) **ABSTRACT**

A system, method, and computer program product are provided for use in connection with at least one computer-readable Extensible Markup Language (XML)-compliant data document capable of including: a plurality of line items with a plurality of data values, and a plurality of computer-readable semantic tags that describe a semantic meaning of the data values.

**68 Claims, 40 Drawing Sheets**



(56)

References Cited

705/14.73

U.S. PATENT DOCUMENTS

5,276,776	A	1/1994	Grady et al.	6,199,080	B1	3/2001	Nielsen
5,339,392	A	8/1994	Risberg et al.	6,206,388	B1	3/2001	Ouboter
5,371,675	A	12/1994	Greif et al.	6,212,494	B1	4/2001	Boguraev
5,423,032	A	6/1995	Byrd et al.	6,223,189	B1	4/2001	Steffens et al.
5,434,541	A	7/1995	Knoedl, Jr.	6,226,675	B1	5/2001	Meltzer et al.
5,461,708	A	10/1995	Kahn	6,240,407	B1	5/2001	Chang et al.
5,519,617	A	5/1996	Hughes et al.	6,243,698	B1	6/2001	Powers et al.
5,530,794	A	6/1996	Luebbert	6,249,291	B1	6/2001	Popp et al.
5,530,942	A	6/1996	Tzou et al.	6,256,030	B1	7/2001	Berry et al.
5,551,381	A	9/1996	Losel et al.	6,266,670	B1	7/2001	LaMarca et al.
5,581,685	A	12/1996	Sakurai	6,269,380	B1	7/2001	Terry et al.
5,581,686	A	12/1996	Koppolu et al.	6,276,991	B1	8/2001	Kobayashi et al.
5,603,021	A	2/1997	Spencer et al.	6,278,991	B1	8/2001	Ebert
5,613,131	A	3/1997	Moss et al.	6,295,530	B1	9/2001	Ritchie et al.
5,701,400	A	12/1997	Amado	6,308,179	B1	10/2001	Petersen et al.
5,706,502	A	1/1998	Foley et al.	6,314,424	B1	11/2001	Kaczmariski et al.
5,721,847	A	2/1998	Johnson	6,314,562	B1	11/2001	Biggerstaff
5,737,592	A	4/1998	Nguyen et al.	6,317,750	B1	11/2001	Tortolani et al.
5,737,739	A	4/1998	Shirley et al.	6,317,783	B1	11/2001	Freishtat et al.
5,748,188	A	5/1998	Hu et al.	6,339,767	B1	1/2002	Rivette et al.
5,754,939	A	5/1998	Herz et al.	6,344,851	B1	2/2002	Roberts et al.
5,822,587	A	10/1998	McDonald et al.	6,345,284	B1	2/2002	Dinkelacker
5,838,906	A	11/1998	Doyle et al.	6,345,292	B1	2/2002	Daugherty et al.
5,838,965	A	11/1998	Kavanagh et al.	6,349,307	B1	2/2002	Chen
5,881,381	A	3/1999	Yamashita et al.	6,351,755	B1	2/2002	Najork et al.
5,893,109	A	4/1999	DeRose et al.	6,356,920	B1	3/2002	Vandersluijs
5,894,311	A	4/1999	Jackson	6,356,961	B1	3/2002	Oprescu-Surcobe
5,895,476	A	4/1999	Orr et al.	6,366,915	B1	4/2002	Rubert et al.
5,907,820	A	5/1999	Pan	6,370,537	B1	4/2002	Gilbert et al.
5,911,145	A	6/1999	Arora et al.	6,370,549	B1	4/2002	Saxton
5,913,214	A	6/1999	Madnick et al.	6,373,504	B1	4/2002	Nielsen
5,917,485	A	6/1999	Spellman et al.	6,374,274	B1	4/2002	Myers et al.
5,920,828	A	7/1999	Norris et al.	6,408,430	B2	6/2002	Gunter et al.
5,948,113	A	9/1999	Johnson et al.	6,418,433	B1	7/2002	Chakrabarti et al.
5,950,196	A	9/1999	Pyreddy et al.	6,421,656	B1	7/2002	Cheng et al.
5,953,724	A	9/1999	Lowry	6,421,822	B1	7/2002	Pavela
5,956,737	A	9/1999	King et al.	6,424,980	B1	7/2002	Iizuka et al.
5,974,413	A	10/1999	Beauregard et al.	6,434,541	B1	8/2002	Tawel et al.
5,983,247	A	11/1999	Yamanaka et al.	6,446,048	B1	9/2002	Wells et al.
5,987,469	A	11/1999	Lewis et al.	6,460,059	B1	10/2002	Wisniewski
5,999,944	A	12/1999	Lipkin	6,470,349	B1	10/2002	Heninger et al.
6,006,242	A	12/1999	Poole et al.	6,484,149	B1	11/2002	Jammes et al.
6,009,436	A	12/1999	Motoyama et al.	6,493,717	B1	12/2002	Junkin
6,009,443	A	* 12/1999	Kawamura .....	6,502,101	B1	12/2002	Verprauskus et al.
			G06F 17/2872	6,502,112	B1	12/2002	Baisley
			715/246	6,505,246	B1	1/2003	Iand et al.
6,014,643	A	1/2000	Minton	6,507,856	B1	1/2003	Chen et al.
6,014,661	A	1/2000	Ahlberg et al.	6,510,468	B1	* 1/2003	Hayne .....
6,026,388	A	2/2000	Liddy et al.				G06F 17/30893
6,026,397	A	2/2000	Sheppard	6,513,043	B1	1/2003	707/E17.117
6,034,676	A	3/2000	Egan et al.	6,519,617	B1	2/2003	Chan et al.
6,038,574	A	3/2000	Pitkow et al.	6,529,217	B1	3/2003	Wanderski et al.
6,052,710	A	4/2000	Saliba et al.	6,535,896	B2	3/2003	Maguire, III et al.
6,058,385	A	5/2000	Koza et al.	6,542,912	B2	4/2003	Britton et al.
6,065,012	A	5/2000	Balsara et al.	6,581,068	B1	6/2003	Meltzer et al.
6,065,026	A	5/2000	Cornelia et al.	6,591,272	B1	6/2003	Bensoussan et al.
6,075,530	A	6/2000	Lucas et al.	6,594,653	B2	7/2003	Williams
6,092,036	A	7/2000	Hamann	6,615,258	B1	7/2003	Colby et al.
6,097,888	A	8/2000	Simonyi	6,621,505	B1	9/2003	Barry et al.
6,108,662	A	8/2000	Hoskins et al.	6,626,957	B1	9/2003	Beauchamp et al.
6,112,242	A	8/2000	Jois et al.	6,629,094	B1	9/2003	Lippert et al.
6,121,924	A	9/2000	Meek et al.	6,629,135	B1	9/2003	Colby et al.
6,125,391	A	9/2000	Meltzer et al.	6,629,135	B1	9/2003	Ross, Jr. et al.
6,134,563	A	10/2000	Clancey et al.	6,631,357	B1	10/2003	Perkowski
6,148,330	A	11/2000	Puri et al.	6,631,402	B1	10/2003	Devine et al.
6,160,549	A	12/2000	Touma et al.	6,635,089	B1	10/2003	Burkett et al.
6,167,409	A	12/2000	DeRose et al.	6,640,234	B1	10/2003	Coffen et al.
6,173,272	B1	1/2001	Thomas et al.	6,643,633	B2	11/2003	Chau et al.
6,173,284	B1	1/2001	Brown	6,667,747	B1	12/2003	Spellman et al.
6,173,316	B1	1/2001	De Boor et al.	6,714,201	B1	3/2004	Grinstein et al.
6,185,573	B1	2/2001	Angelucci et al.	6,718,516	B1	4/2004	Claussen et al.
6,185,816	B1	2/2001	Freund et al.	6,721,736	B1	4/2004	Krug et al.
6,192,362	B1	2/2001	Schneck et al.	6,745,384	B1	6/2004	Biggerstaff
6,195,665	B1	2/2001	Jarett	6,772,139	B1	8/2004	Smith, III
				6,789,252	B1	9/2004	Burke et al.
				6,862,710	B1	3/2005	Marchisio
				6,876,930	B2	4/2005	Murray et al.

(56)

## References Cited

## U.S. PATENT DOCUMENTS

6,912,293 B1 6/2005 Korobkin  
 6,920,608 B1 7/2005 Davis  
 6,993,527 B1 1/2006 Raman et al.  
 7,020,862 B1 3/2006 Alfke et al.  
 7,020,882 B1 3/2006 Lewallen  
 7,152,116 B1 12/2006 Austin et al.  
 7,181,438 B1 2/2007 Szabo  
 7,249,328 B1 7/2007 Davis  
 7,340,534 B2 3/2008 Cameron et al.  
 7,401,076 B2 7/2008 Davis  
 7,421,648 B1 9/2008 Davis  
 7,512,875 B2 3/2009 Davis  
 7,565,397 B2 7/2009 Hodjat et al.  
 7,650,355 B1 1/2010 Davis  
 7,660,874 B1 2/2010 Meltzer et al.  
 7,801,896 B2 9/2010 Szabo  
 8,006,177 B1 8/2011 Meltzer et al.  
 8,185,615 B1 5/2012 McDysan et al.  
 8,185,815 B1 5/2012 Feira et al.  
 8,185,816 B2 5/2012 Davis  
 8,370,362 B2 2/2013 Szabo  
 8,375,116 B2 2/2013 Meltzer et al.  
 8,489,982 B2 7/2013 Davis  
 8,959,196 B2 2/2015 Meltzer et al.  
 2001/0013030 A1 8/2001 Colby et al.  
 2001/0018687 A1 8/2001 Gonzalez et al.  
 2001/0018694 A1 8/2001 Iwamoto et al.  
 2001/0020237 A1 9/2001 Yarnall et al.  
 2001/0049687 A1 12/2001 Russell  
 2002/0007383 A1 1/2002 Yoden et al.  
 2002/0023141 A1 2/2002 Yen et al.  
 2002/0035501 A1 3/2002 Handel et al.  
 2002/0052954 A1 5/2002 Polizzi et al.  
 2002/0062451 A1 5/2002 Scheidt et al.  
 2002/0073115 A1 6/2002 Davis  
 2002/0091696 A1 7/2002 Craft et al.  
 2002/0165872 A1 11/2002 Meltzer et al.  
 2002/0168664 A1 11/2002 Murray et al.  
 2002/0198985 A1 12/2002 Fraenkel et al.  
 2003/0041077 A1 2/2003 Davis et al.  
 2003/0078683 A1 4/2003 Hartman et al.  
 2003/0078883 A1 4/2003 Stewart et al.  
 2003/0140045 A1 7/2003 Heninger et al.  
 2003/0167213 A1 9/2003 Jammes et al.  
 2003/0217047 A1 11/2003 Marchisio  
 2005/0005266 A1 1/2005 Datig  
 2005/0086126 A1 4/2005 Patterson  
 2005/0086216 A1 4/2005 Davis  
 2005/0182709 A1 8/2005 Belcsak et al.  
 2005/0187954 A1 8/2005 Raman et al.  
 2005/0198042 A1 9/2005 Davis  
 2006/0168335 A1 7/2006 Hodjat et al.  
 2007/0156677 A1 7/2007 Szabo  
 2007/0219933 A1 9/2007 Datig  
 2008/0028340 A1 1/2008 Davis  
 2008/0282139 A1 11/2008 Davis  
 2009/0083613 A1 3/2009 Davis  
 2009/0083619 A1 3/2009 Davis  
 2009/0089657 A1 4/2009 Davis  
 2010/0004874 A1 1/2010 Rzhetsky et al.  
 2010/0100814 A1 4/2010 Meltzer et al.  
 2010/0299239 A1 11/2010 May  
 2010/0332414 A1 12/2010 Mead et al.  
 2010/0332583 A1 12/2010 Szabo  
 2013/0159845 A1 6/2013 Meltzer et al.

## OTHER PUBLICATIONS

Advisory Action from U.S. Appl. No. 11/819,125, dated Sep. 3, 2013.  
 Final Office Action from U.S. Appl. No. 11/819,125, dated Mar. 14, 2013.  
 Non-Final Office Action from U.S. Appl. No. 11/819,125, dated Sep. 28, 2012.

Final Office Action from U.S. Appl. No. 11/819,125, dated Apr. 12, 2011.  
 Final Office Action from U.S. Appl. No. 11/819,125, dated Dec. 14, 2010.  
 Non-Final Office Action from U.S. Appl. No. 11/819,125, dated Jul. 14, 2010.  
 Notice of Allowance from U.S. Appl. No. 10/980,266, dated Mar. 17, 2008.  
 Non-Final Office Action from U.S. Appl. No. 10/980,266, dated Sep. 12, 2007.  
 Final Office Action from U.S. Appl. No. 10/980,266, dated Mar. 19, 2007.  
 Non-Final Office Action from U.S. Appl. No. 10/980,266, dated Sep. 5, 2006.  
 Non-Final Office Action from U.S. Appl. No. 10/052,250, dated Oct. 2, 2014.  
 Final Office Action from U.S. Appl. No. 10/052,250, dated Feb. 20, 2014.  
 Non-Final Office Action from U.S. Appl. No. 10/052,250, dated May 22, 2013.  
 Decision on Appeal from U.S. Appl. No. 10/052,250, dated May 1, 2012.  
 Examiner's Answer from U.S. Appl. No. 10/052,250, dated Nov. 24, 2008.  
 Final Office Action from U.S. Appl. No. 10/052,250, dated Nov. 1, 2007.  
 Non-Final Office Action from U.S. Appl. No. 10/052,250, dated Jun. 11, 2007.  
 Final Office Action from U.S. Appl. No. 10/052,250, dated Nov. 2, 2006.  
 Non-Final Office Action from U.S. Appl. No. 10/052,250, dated May 18, 2006.  
 Advisory Action from U.S. Appl. No. 10/052,250, dated Dec. 19, 2005.  
 Final Office Action from U.S. Appl. No. 10/052,250, dated Aug. 23, 2005.  
 Non-Final Office Action from U.S. Appl. No. 10/052,250, dated Mar. 22, 2005.  
 Fulton, "Ten Minute Guide to Excel 97," Dec. 12, 1996; <http://techbus.safaribooksonline.com/print?xmlid=0-7897-1020-X%2Fch17lev1secl1>.  
 Hoffman et al., XBRL Taxonomy Financial Reporting for Commercial and Industrial Companies, US GAAP, Jul. 31, 2000, pp. 1-12.  
 XBLR for Financial Statements Questions and Answers, Apr. 26, 2000, 6 pages.  
 Harding, W. E., "Finally, Business Talks the same Language," Aug. 2000, 5 pages.  
 Arnold, K. et al., "The Java Programming Language, Second Edition," The Java Series, 3rd Printing, Sep. 1998, pp. 466 pages.  
 Gosling, J. et al., "The Java Language Specification," The Java Series, First printing, Aug. 1996, 853 pages.  
 Harold, E. R., "XML: Extensible Markup Language," IDG Books Worldwide, Inc., 1998, 458 pages.  
 Bruce Hallberg et al., "Special Edition, Using Microsoft.RTM. Excell 97, Bestseller Edition," Que.RTM. Corporation (1997).  
 Elliotte Rusty Harold, "XML .TM. Bible," IDG Books Worldwide, Inc., An International Data Group Company (1999).  
 David Megginson, "Structuring XML Documents," Prentice Hall PTR, Upper Saddle River, NJ (1998).  
 Copending U.S. Appl. No. 09/573,419 entitled "Tree View for Reusable Data Markup Language," filed May 18, 2000.  
 Copending U.S. Appl. No. 09/573,778 entitled "Reusable Data Markup Language," filed May 18, 2000.  
 Extensible Business Reporting Language (XBRL) 2.0 Specification, (Dec. 14, 2001), Editors: Luther Hampton, e-Numerate; David vun Kannon, KPMG LLP; pp. 1-42.  
 Information on Exchange Rates of Africa, Asia, and Australia, web site: <http://eh.net/hmit/exchangerates/infoafr.htm>, pp. 1-3, 2002 by EH.NET, downloaded Oct. 19, 2006.

(56)

**References Cited**

## OTHER PUBLICATIONS

Online Ohio CPA Newsletter, A Monthly Electronic Publication of the Ohio Society of Certified Public Accountants; Aug. 2000, vol. 1, No. 14 (7 pages).

Order of Magnitude (online Wikipedia article), <http://en.wikipedia.org/wiki/Orders.sub.--of.sub.--magnitude>, 2006 Wikimedia Foundation, Inc. pp. 1-4, downloaded Oct. 19, 2006.

Tools [online], extensible Business Reporting Language, [retrieved on Aug. 13, 2002]. Retrieved from the Internet <URL: <http://www.xbrl.org/Tools.htm>> (5 pages).

XBRL Essentials, (A nontechnical introduction to the extensible Business Reporting Language, the digital language of business), Jan. 2001, Charles Hoffman, CPA; Carolyn Strand, PhD, CPA, (AICPA), pp. 1-17.

XBRL Home Page [online], extensible Business Reporting Language, [retrieved on Aug. 13, 2002]. Retrieved from the Internet <URL: <http://www.xbrl.org>> (3 pages).

XBRL Technical Specification [online], extensible Business Reporting Language, [retrieved on Aug. 13, 2002]. Retrieved from the Internet <URL: <http://www.xbrl.org/TR/2001/default.htm>> (1 page).

The XML Cover Pages, Extensible Business Reporting Language (XBRL), (1994-2002), Robin Cover, pp. 1-18.

Berkley et al., The Road to Better Business Information Making a Case for XBRL, Winter 2000, Microsoft, pp. 1-13.

Blattner, Special Edition Using Microsoft Excel (R), May 3, 1999 (C) Que Corporation "Adding a Secondary Axis to the Chart" (3 pages). Gilster, Paul, Finding It on the Internet: The Internet Navigator's Guide to Search Tools & Techniques, 2.sup.nd edition (1996) (3 pages).

Hamscher et al., Extensible Business Reporting language (XBRL) Specification, Jul. 31, 2000, XBRL Organization, pp. 1-27.

Charles Hoffman and Carolyn Strand, "XBRL Essentials, A Non-technical Introduction to eXtensible Business Reporting Language (XBRL), the Digital Language of Business Reporting," pp. 1-148 (2001).

Jon Rienstra, "Using Excel.RTM. in Chemistry," <http://www.asa3.org/chemistry/computers.sub.--in.sub.--chemistry/excel.sub.--tips.html> (1995) (4 pages).

Simon St. Laurent, "Why XML?," <http://www.simonstl.com/articles/whyxml.htm> (1998) (5 pages).

Suzuki et al., "Managing the Software Design Documents With XML," ACM Proceedings of the 16th Annual International Conference on Computer Documentation, Sep. 1998, pp. 127-136.

Copending U.S. Appl. No. 11/819,125 entitled "Tree View for Reusable Data Markup Language," filed Jun. 25, 2007.

Copending U.S. Appl. No. 11/819,126 entitled "Reusable Data Markup Language," filed Jun. 25, 2007.

Information on Exchange Rates of Africa, Asia, and Australasia, web site: <<http://eh.net/hmit/exchangerates/infoafr.htm>>, pp. 1-3, 2002 by EH.NET, downloaded Oct. 19, 2006.

Bruce Halberg, "Special Edition, Using Microsoft RTM. Excel 97, Bestseller Edition," Que.RTM. Corporation (1997).

Bederson, et al., "Pad++: A Zooming Graphical Interface for Exploring Alternate Interface Physics", UIST 94, Nov. 2-4, 1994, 10 pages. Davis, "The Information System Consultant's Handbook: Systems Analysis and Design", Chapter 51, copyright 1999 by CRC Press LLC, 12 pages.

"ProQuest Information and Learning—0789717298—Special Edition Using Microsoft.RTM. Excel 2000." Jan. 23, 2008 <http://proquest.safaribooksonline.com/0789717298>, 3 pages.

Copending U.S. Appl. No. 09/573,780 entitled "Reusable Macro Markup Language", filed May 18, 2000.

Copending U.S. Appl. No. 11/819,126 entitled "Tree View for Reusable Date Markup Language", filed Jun. 25, 2007.

Rienstra, Jon, "Using Excel.RTM.in Chemistry" Oct. 1995, [http://www.asa3.org/chemistry/computers\\_in\\_chemistry/excel\\_tips.html](http://www.asa3.org/chemistry/computers_in_chemistry/excel_tips.html).

St. Laurent, Simon, "Why XML?" (C) 1998 <http://www.simonstl.com/articles/whyxml.htm>.

Gilster, Paul, "Finding It on the Internet: The Internet Navigator's Guide to Search Tools & Techniques," 2.sup.nd edition (1996), 379 pages. cited byother.

Halberg, Bruce, et al., "Special Edition, Using Microsoft.RTM. Excel 97, Bestseller Edition," Que.RTM. Corporation (1997).

Harold, Elliotte Rusty, "XML.TM. Bible," IDG Books Worldwide, Inc., An International Data Group Company (1999).

Meggison, David, "Structuring XML Documents," Prentice Hall PTR, Upper Saddle River, NJ (1998).

Gilster, Paul, Finding It on the Internet: The Internet Navigator's Guide to Search Tools & Techniques, 2.sup.nd edition (1996), 379 pages.

U.S. Appl. No. 60/135,525, filed May 21, 1999.

U.S. Appl. No. 60/183,152, filed Feb. 17, 2000.

Notice of Allowance from U.S. Appl. No. 09/573,780, dated Oct. 29, 2009.

Non-Final Office Action from U.S. Appl. No. 09/573,780, dated Apr. 1, 2009.

Non-Final Office Action from U.S. Appl. No. 09/573,780, dated Sep. 25, 2008.

Final Office Action from U.S. Appl. No. 09/573,780, dated Feb. 7, 2008.

Non-Final Office Action from U.S. Appl. No. 09/573,780, dated Aug. 17, 2007.

Final Office Action from U.S. Appl. No. 09/573,780, dated Mar. 2, 2007.

Non-Final Office Action from U.S. Appl. No. 09/573,780, dated Sep. 21, 2006.

Final Office Action from U.S. Appl. No. 09/573,780, dated Jun. 13, 2006.

Non-Final Office Action from U.S. Appl. No. 09/573,780, dated Dec. 28, 2005.

Advisory Action from U.S. Appl. No. 09/573,780, dated Jul. 7, 2005.

Final Office Action from U.S. Appl. No. 09/573,780, dated Mar. 28, 2005.

Non-Final Office Action from U.S. Appl. No. 09/573,780, dated Apr. 23, 2004.

Notice of Allowance from U.S. Appl. No. 09/573,778, dated May 1, 2008.

Final Office Action from U.S. Appl. No. 09/573,778, dated Oct. 3, 2007.

Non-Final Office Action from U.S. Appl. No. 09/573,778, dated Apr. 13, 2007.

Final Office Action from U.S. Appl. No. 09/573,778, dated Oct. 24, 2006.

Non-Final Office Action from U.S. Appl. No. 09/573,778, dated May 31, 2006.

Non-Final Office Action from U.S. Appl. No. 09/573,778, dated Dec. 16, 2005.

Advisory Action from U.S. Appl. No. 09/573,778, dated Sep. 27, 2005.

Final Office Action from U.S. Appl. No. 09/573,778, dated Jun. 2, 2005.

Non-Final Office Action from U.S. Appl. No. 09/573,778, dated Jan. 5, 2005.

Restriction Requirement from U.S. Appl. No. 09/573,778, dated Sep. 16, 2004.

Final Office Action from U.S. Appl. No. 12/222,751, dated Mar. 31, 2014.

Advisory Action from U.S. Appl. No. 12/222,751, dated May 15, 2013.

Non-Final Office Action from U.S. Appl. No. 12/222,751, dated Jul. 11, 2013.

Final Office Action from U.S. Appl. No. 12/222,751, dated Jan. 7, 2013.

Non-Final Office Action from U.S. Appl. No. 12/222,751, dated May 29, 2012.

Final Office Action from U.S. Appl. No. 12/222,751, dated Jan. 25, 2012.

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.