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(54) **SYSTEM AND METHODS FOR CREATING AND AUTHORIZING INTERNET CONTENT USING APPLICATION MEDIA PACKAGES**

(75) Inventors: **John Albert Kembel**, Palo Alto, CA (US); **George Andrew Kembel**, Menlo Park, CA (US); **Daniel Kim**, Palo Alto, CA (US); **John Russell**, Palo Alto, CA (US); **Jake Wobbrock**, Palo Alto, CA (US); **Geoffrey Kembel**, Menlo Park, CA (US); **Jeremy Kembel**, Palo Alto, CA (US); **Joseph Bella**, San Francisco, CA (US); **Sridhar Devulkar**, Mountain View, CA (US); **Mark Wallin**, Mountain View, CA (US)

(73) Assignee: **Mainstream Scientific, LLC**, Mountain View, CA (US)

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G06F 17/00 (2006.01)
G06F 15/173 (2006.01)

(52) **U.S. Cl.** **715/201; 715/741; 715/762; 709/224**

(58) **Field of Classification Search** **709/203, 709/223, 224; 715/201, 741, 762**

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,625,781 A 4/1997 Cline et al.
5,649,186 A 7/1997 Ferguson
5,740,549 A 4/1998 Reilly et al.
5,761,662 A 6/1998 Dasan

(Continued)

FOREIGN PATENT DOCUMENTS

WO WO0180086 A2 10/2001

OTHER PUBLICATIONS

Alexa 1.4.1 Support Pages, 9 pages, www.alexa.com/support/index1.html, Jan. 1999.

(Continued)

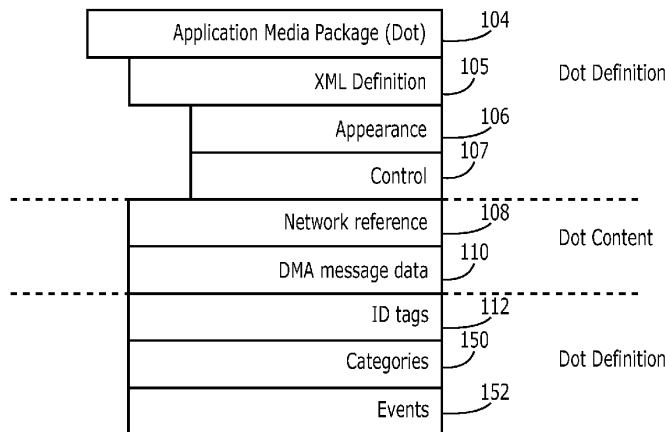
Primary Examiner — Chau Nguyen

(74) *Attorney, Agent, or Firm* — Pillsbury Winthrop Shaw Pittman, LLP

(57) **ABSTRACT**

An Application Media Package is a software component for accessing and displaying Internet content which includes a definition for rendering a graphical user interface and a URL pointing to Internet content to be downloaded and presented within said user interface. An Application Media Viewer may be used in association with an Application Media Package to manage the collection, organization, sharing, and rendering of a plurality of such Packages. A development server supports the community of Application Media Package developers, providing developer tools, including Package templates which provide an expedient method of re-purposing existing internet media into a new presentation package by choosing from existing examples. Access to tools and information may be controlled at the development server. The development server may also provide a development and test zone for Package verification, authentication and acceptance before posting.

16 Claims, 14 Drawing Sheets



U.S. PATENT DOCUMENTS

5,794,230	A	8/1998	Horadan et al.	
5,796,393	A	8/1998	MacNaughton et al.	
5,796,952	A	8/1998	Davis et al.	
5,801,702	A	9/1998	Dolan et al.	
5,809,248	A	9/1998	Vidovic	
5,838,906	A	11/1998	Doyle et al.	
5,890,172	A	3/1999	Borman et al.	
5,893,091	A	4/1999	Hunt et al.	
5,948,061	A	9/1999	Merriman et al.	
5,974,446	A	10/1999	Sonnenreich et al.	
5,977,964	A	11/1999	Williams et al.	
5,983,227	A	11/1999	Nazem et al.	
5,987,513	A	11/1999	Prithviraj et al.	
5,995,756	A	11/1999	Hermann	
6,006,252	A	12/1999	Wolfe	
6,012,090	A	1/2000	Chung et al.	
6,012,098	A	1/2000	Bayeh et al.	
6,018,344	A	1/2000	Harada et al.	
6,026,433	A	2/2000	D'Arlach et al.	
6,065,044	A	5/2000	Ogasawara	
6,101,510	A *	8/2000	Stone et al.	715/234
6,115,040	A *	9/2000	Bladow et al.	715/741
6,133,916	A	10/2000	Bukszar et al.	
6,161,112	A	12/2000	Cragun et al.	
6,177,936	B1	1/2001	Cragun	
6,199,082	B1	3/2001	Ferrel et al.	
6,230,173	B1	5/2001	Ferrel et al.	
6,237,030	B1	5/2001	Adams et al.	
6,268,856	B1	7/2001	Bruck et al.	
6,275,854	B1	8/2001	Himmel et al.	
6,292,185	B1	9/2001	Ko et al.	
6,297,819	B1	10/2001	Furst	
6,314,451	B1	11/2001	Landsman et al.	
6,341,305	B2	1/2002	Wolfe	
6,369,840	B1 *	4/2002	Barnett et al.	715/853
6,393,407	B1	5/2002	Middleton et al.	
6,411,992	B1	6/2002	Srinivasan et al.	
6,418,440	B1	7/2002	Kuo et al.	
6,434,563	B1	8/2002	Pasquali et al.	
6,460,029	B1	10/2002	Fries et al.	
6,484,149	B1	11/2002	Jammes et al.	
6,487,566	B1	11/2002	Sundaresan	
6,496,203	B1 *	12/2002	Beaumont et al.	715/762
6,537,324	B1	3/2003	Tabata et al.	
6,538,673	B1	3/2003	Maslov	
6,549,612	B2	4/2003	Gifford et al.	
6,560,639	B1	5/2003	Dan et al.	
6,571,245	B2	5/2003	Huang et al.	
6,594,682	B2	7/2003	Peterson et al.	
6,662,341	B1 *	12/2003	Cooper et al.	715/234
6,751,606	B1	6/2004	Fries et al.	
6,784,900	B1	8/2004	Dobronsky et al.	
6,816,880	B1	11/2004	Strandberg et al.	
6,834,302	B1 *	12/2004	Harvell	709/224
6,842,779	B1	1/2005	Nishizawa	
7,107,548	B2	9/2006	Shafron	
7,216,300	B2	5/2007	Dang	
7,356,569	B1	4/2008	Kembel et al.	
2002/0089536	A1 *	7/2002	Dang	345/749
2002/0091697	A1 *	7/2002	Huang et al.	707/10

OTHER PUBLICATIONS

Alexa general faqs, 4 pages, www.alexa.com/whatisalexa/faq.html#general, Jan. 1999.

"Custom Explorer Bars Give Sites an Edge," 2 pages, www.microsoft.com/Windows/le/IE5/custom.asp, Jan. 1999.

"Flexibility Across the Web," 2 pages, www.microsoft.com/Windows/le/IE5/choice.asp, Jan. 1999.

"Web Accessories Overview," 2 pages, www.microsoft.com/workshop...er/accessory/overview/overview.asp, Jan. 1999.

"Browser Extensions Overview," 2 pages, www.microsoft.com/workshop/browser/ext/overview/overview.asp, Jan. 1999.

Alexa Technology, 4 pages, www.alexa.com/support/technology.html, Jan. 1999.

"Creating Custom Explorer Bars and Desk Bands," 13 pages, www.microsoft.com/workshop/browser/ext/overview/Bands.asp, Jan. 1999.

Alexa Internet Tour, 1 page, www.alexa.com.whatisalexa/index/html, Jan. 1999.

"Revolutionary Ad Model," Advertise on Alexa, 1 page, www.alexa.com/company/advertise.html, Jan. 1999.

"The Alexa Service Appears on Your Desktop in Its Own Window," 1 page, www.alexa.com/tour/overview.html, Jan. 1999.

"Know More About the Sites You Visit," 1 page, www.alexa.com/tour/site_stats.html, Jan. 1999.

"Find Related Web Sites," 1 page, www.alexa.com/tour/related_links.html, Jan. 1999.

500,000 Sites and Growing., 1 page, www.alexa.com/tour/archive.html, Jan. 1999.

"Research Tools at Your Fingertips," 1 page, www.alexa.com/tour/eb.html, Jan. 1999.

"Reporting," 1 page, www.alexa.com/company/reporting.html, Jan. 1999.

"Alexa Internet's Related Links Integrated Into Netscape Browser," 1 page, www.alexa.com/company/netscape.html, Jan. 1999.

"Demographics," alexa.com/company/demographics.html, Jan. 1999.

"Ads Appear in the Pop-up and on the Bar," 1 page, www.alexa.com/company/adspecs.html, Jan. 1999.

"Alexa Why Crawl," 1 page, www.alexa.com/support/why_crawl.html, Jan. 1999.

GIF Image 590x329 pixels, Alexa, 1 page, www.alexa.com/tour/images/alexa_overview.gif, Jan. 1999.

"It's X-treme!," Alexa, PC Magazine: The Best of 1998, 1 page, www.zdnet.com/pcmag/special/bestof98/internet5.html, Jan. 1999.

"Search While You Surf," PC Magazine: Search the Web, 1 page, www.zdnet.com/pcmag/features/websearch98/surf.html, Jan. 1999.

MindSpring, MyYahoo, pp. 1-16, www.mindspring.com/myyahoo/contents.htm, Dec. 1997.

Morrison, XML Unleashed, Sams Publishing, Dec. 21, 1999.

Flanagan, JavaScript; The Definitive Guide, 3rd Ed., O'Reilly, Jun. 1998.

* cited by examiner

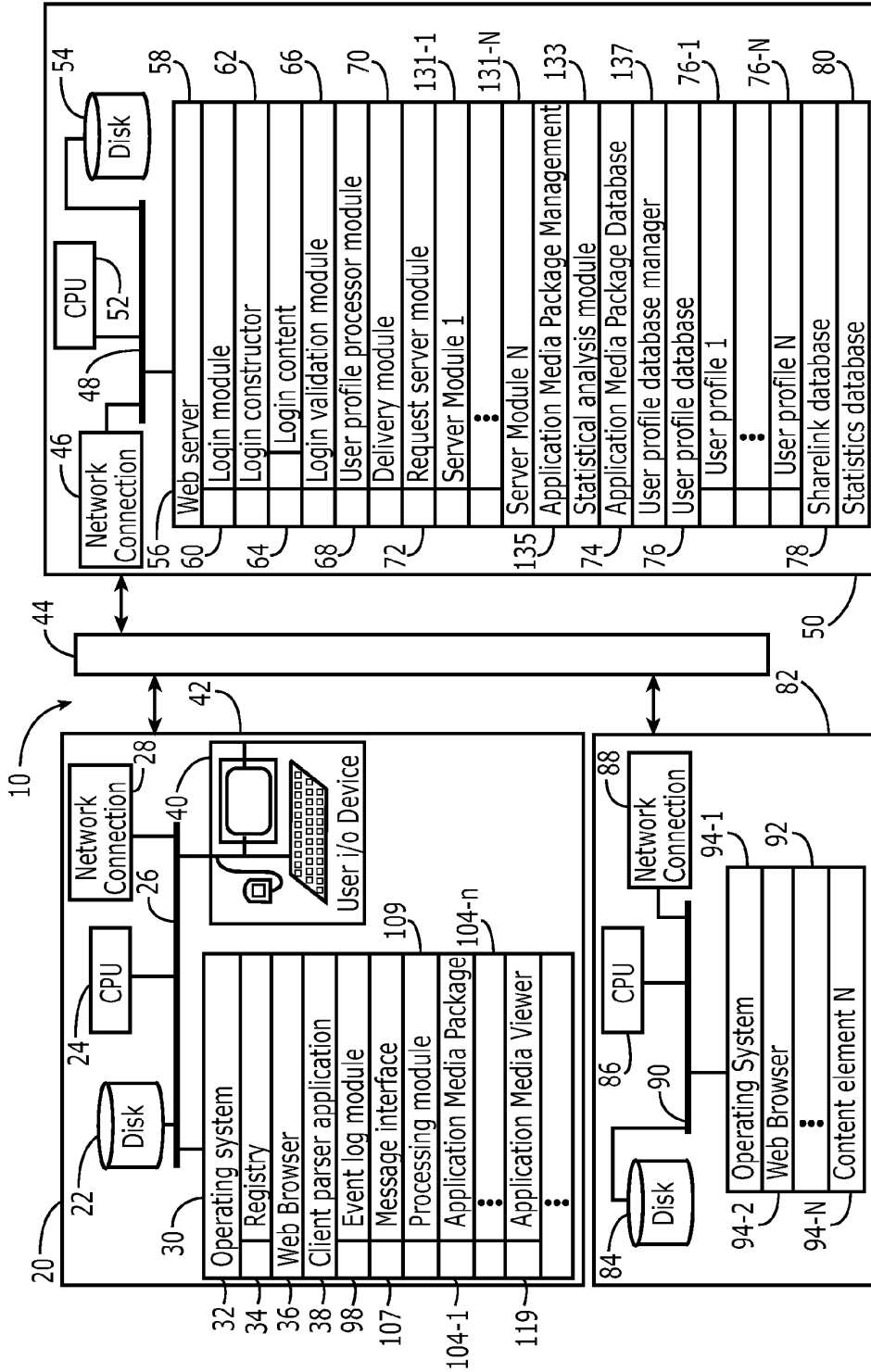
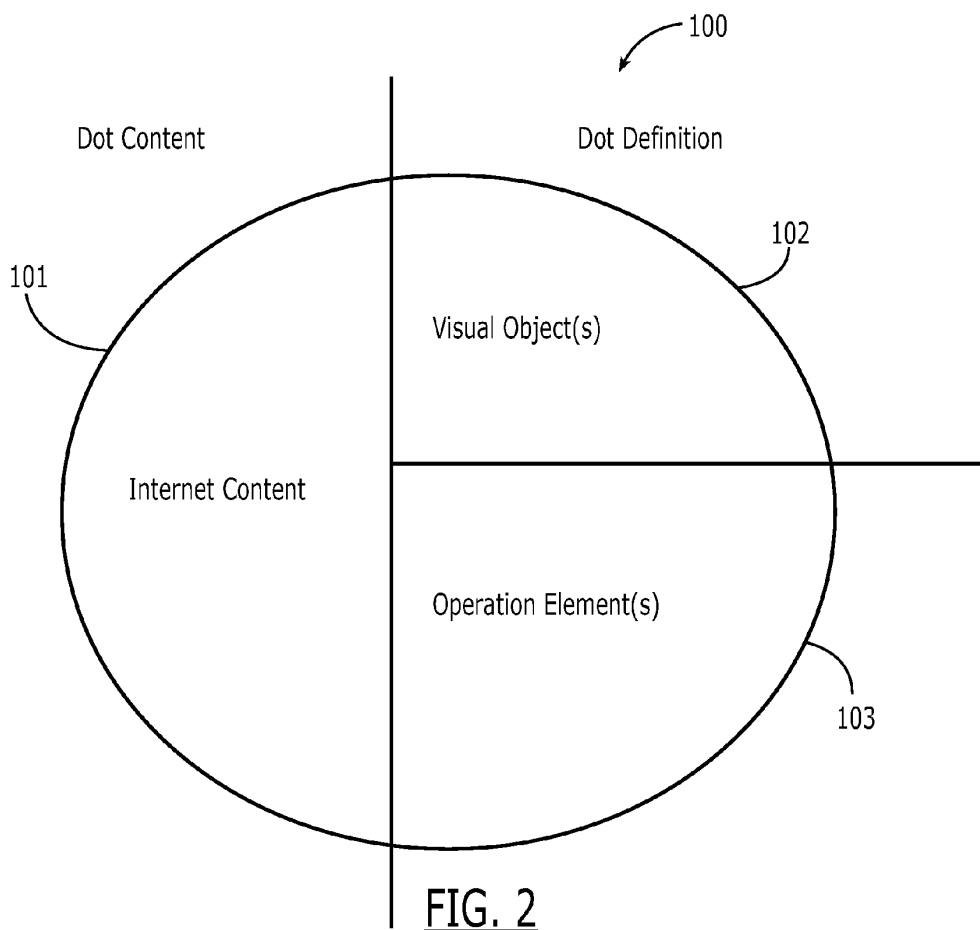


FIG. 1



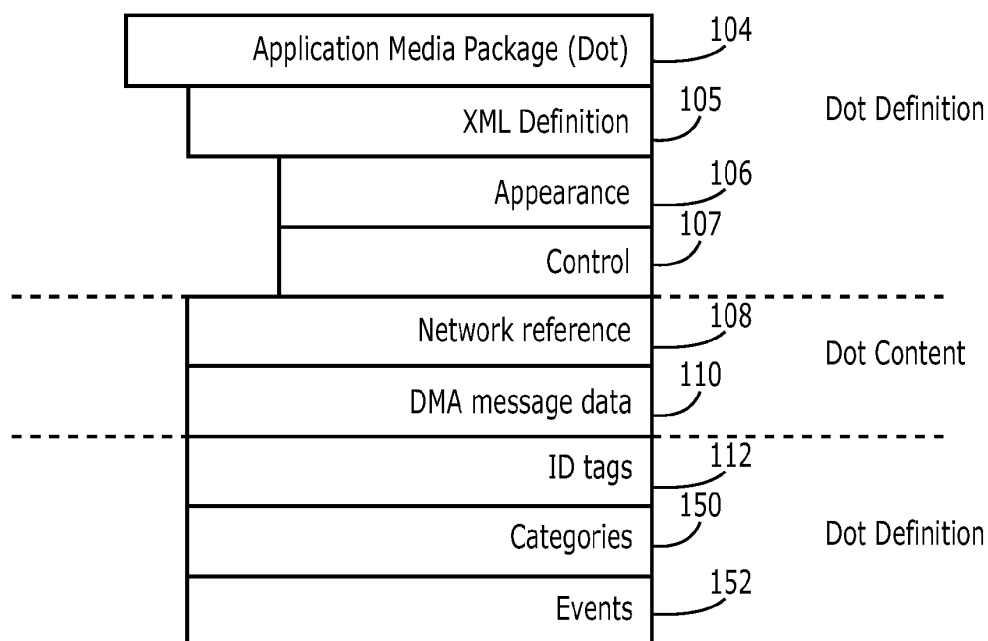


FIG. 3

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