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Barger et al.

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(54) **AUTOMATED MEDIA DELIVERY SYSTEM**

455/412.1, 412; 704/503, 500, 230, 204;
382/232; 386/278, 244, 241

(75) Inventors: **Sean Barger**, Mill Valley, CA (US);
Steve Johnson, Mill Valley, CA (US);
Matt Butler, Beaverton, OR (US); **Jerry**
Destremps, Sausalito, CA (US); **David**
Pochron, Cambridge, WI (US); **Trent**
Brown, San Anselmo, CA (US)

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,088,052 A	2/1992	Spielman et al.
5,355,472 A	10/1994	Lewis
5,442,771 A	8/1995	Filepp et al.
5,530,852 A	6/1996	Meske, Jr. et al.
5,701,451 A	12/1997	Rogers et al.
5,708,845 A	1/1998	Wistendahl et al.
5,710,918 A	1/1998	Lagarde et al.

(Continued)

FOREIGN PATENT DOCUMENTS

AU	A-53031/98	8/1996
EP	0747842	12/1996

(Continued)

OTHER PUBLICATIONS

Sakaguchi, et al.; "A browsing tool for multi-lingual documents for users without multi-lingual fonts"; 1996; ACM International Conference on Digital Libraries, pp. 63-71.

(Continued)

Primary Examiner — David Lazaro

Assistant Examiner — Charles Murphy

(74) *Attorney, Agent, or Firm* — Michael A. Glenn; Perkins Coie LLP

(57) **ABSTRACT**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author within URLs embedded within Web documents.

17 Claims, 23 Drawing Sheets

(73) Assignee: **Equilibrium**, Sausalito, CA (US)

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(21) Appl. No.: **12/173,747**

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(65) **Prior Publication Data**

US 2009/0070485 A1 Mar. 12, 2009

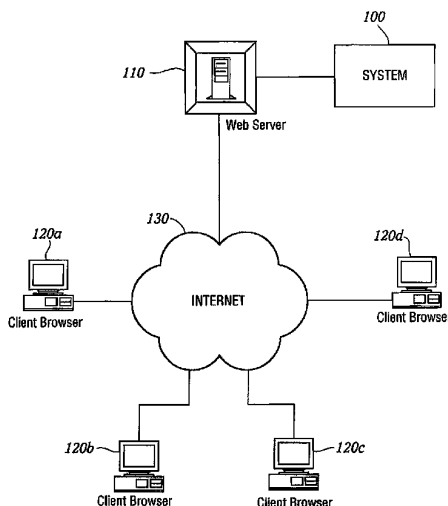
Related U.S. Application Data

(60) Division of application No. 11/269,916, filed on Nov. 7, 2005, now abandoned, which is a continuation-in-part of application No. 09/929,904, filed on Aug. 14, 2001, now Pat. No. 6,964,009, which is a continuation of application No. 09/425,326, filed on Oct. 21, 1999, now Pat. No. 6,792,575.

(51) **Int. Cl.**
G06F 15/16 (2006.01)

(52) **U.S. Cl.**
USPC **709/236; 709/231; 370/465; 370/470**

(58) **Field of Classification Search**
USPC 709/227, 226, 223, 219, 206, 204, 203,
709/247, 217, 236, 246; 370/480, 467, 465,
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(56)

References Cited

U.S. PATENT DOCUMENTS

5,737,619 A 4/1998 Judson
 5,745,908 A 4/1998 Anderson et al.
 5,758,110 A 5/1998 Boss et al.
 5,761,655 A 6/1998 Hoffman
 5,793,964 A 8/1998 Rogers et al.
 5,819,261 A 10/1998 Takahashi et al.
 5,822,436 A 10/1998 Rhoads
 5,845,084 A 12/1998 Cordell et al.
 5,845,279 A 12/1998 Garofalakis et al.
 5,845,299 A 12/1998 Arora et al.
 5,860,068 A 1/1999 Cook
 5,860,073 A 1/1999 Ferrel et al.
 5,861,881 A 1/1999 Freeman et al.
 5,862,325 A 1/1999 Reed et al.
 5,864,337 A 1/1999 Marvin
 5,870,552 A 2/1999 Dozier et al.
 5,880,740 A 3/1999 Halliday et al.
 5,890,170 A 3/1999 Sidana
 5,895,476 A 4/1999 Orr et al.
 5,895,477 A 4/1999 Orr et al.
 5,903,892 A 5/1999 Hoffert et al.
 5,937,160 A 8/1999 Davis et al.
 5,943,680 A 8/1999 Ohga et al.
 5,956,737 A 9/1999 King et al.
 6,009,436 A 12/1999 Motoyama et al.
 6,456,305 B1 9/2002 Qureshi et al.
 6,463,445 B1* 10/2002 Suzuki et al. 1/1
 6,483,851 B1* 11/2002 Neogi 370/466
 6,484,149 B1 11/2002 Jemmes et al.
 6,563,517 B1* 5/2003 Bhagwat et al. 715/735
 6,591,280 B2 7/2003 Orr
 6,623,529 B1 9/2003 Lakritz
 6,909,708 B1* 6/2005 Krishnaswamy et al. 370/352
 6,938,073 B1 8/2005 Mendhekar et al.
 7,284,201 B2 10/2007 Cohen-Solal
 7,313,361 B2 12/2007 Steelberg et al.
 7,406,434 B1 7/2008 Chang et al.
 7,477,688 B1 1/2009 Zhang et al.
 7,673,063 B2 3/2010 Xie et al.
 2003/0225568 A1 12/2003 Salmonsens
 2004/0025176 A1 2/2004 Franklin et al.
 2005/0091311 A1* 4/2005 Lund et al. 709/203
 2005/0255852 A1 11/2005 Steelberg et al.
 2005/0278794 A1 12/2005 Leinonen et al.
 2006/0015580 A1 1/2006 Gabriel et al.
 2006/0127059 A1 6/2006 Fanning
 2007/0061198 A1 3/2007 Ramer et al.
 2007/0234213 A1 10/2007 Krikorian et al.
 2008/0155230 A1 6/2008 Robbins et al.
 2008/0186377 A1 8/2008 Eriksson et al.
 2008/0195938 A1 8/2008 Tischer et al.

2008/0205389 A1 8/2008 Fang et al.
 2008/0207182 A1 8/2008 Maharajh et al.
 2009/0013347 A1 1/2009 Ahanger et al.
 2009/0089422 A1 4/2009 Barger et al.
 2009/0240569 A1 9/2009 Ramer et al.
 2009/0254672 A1 10/2009 Zhang
 2010/0046842 A1 2/2010 Conwell
 2010/0153495 A1 6/2010 Barger et al.
 2011/0221745 A1 9/2011 Goldman et al.
 2011/0279638 A1 11/2011 Periyannan et al.
 2012/0016858 A1 1/2012 Rathod

FOREIGN PATENT DOCUMENTS

EP 0782085 7/1997
 EP 0818907 1/1998
 EP 0843276 5/1998
 EP 0876034 11/1998
 EP 0883068 12/1998
 EP 0886409 12/1998
 EP 0895171 2/1999
 EP 0926607 6/1999
 EP 0949571 10/1999
 WO WO 97/49252 12/1997
 WO WO 98/40842 9/1998
 WO WO 98/43177 10/1998

OTHER PUBLICATIONS

Zaiane, et al.; "Mining multimedia data"; Nov. 1998; ACM Conference of the Center for Advanced Studies on Collaborative research, pp. 1-18.
 Bulterman, Dick.C.A.; *Models, Media and Motion: Using the Web to Support Multimedia Documents*; Proceedings of 1997 Intl Conf on Multimedia Modeling; p. 17-20; Nov. 1997; Singapore.
 Mohler, J.L.; *Migrating Course Materials to the World Wide Web: A Case Study of the Department of Technical Graphics at Purdue University*; Computer Networks and ISDN Systems; vol. 30, Issues 20-21, p. 1981-1990; Nov. 12, 1988.
 Dobson, R.; *Animating Your Web Pages with Direct Animation*; Web Techniques; vol. 3, No. 6, p. 49-52; Jun. 1998.
 Berinstein, Paula; "The Big Picture; Text and Graphics on UMI's ProQuest Direct: The Best (Yet) of Both Worlds"; Mar. 1997; retrieved on Mar. 23, 2004 from website: <http://www.infotoday.com/online/MarOL97/picture3.html>.
 McNeil, Sara; Research Interests; retrieved on Mar. 18, 2004 from website: <http://www.coe.uh.edu/~smcneil/research.htm>.
 Tables of Contents service for Computers & Geosciences; Copyright 1997; Computers and GeoSciences, vol. 23, Issue 5, retrieved on Mar. 18, 2004 from website: <http://library.iem.ac.ru/comp&geo/00983004/sz977014.html>.

* cited by examiner

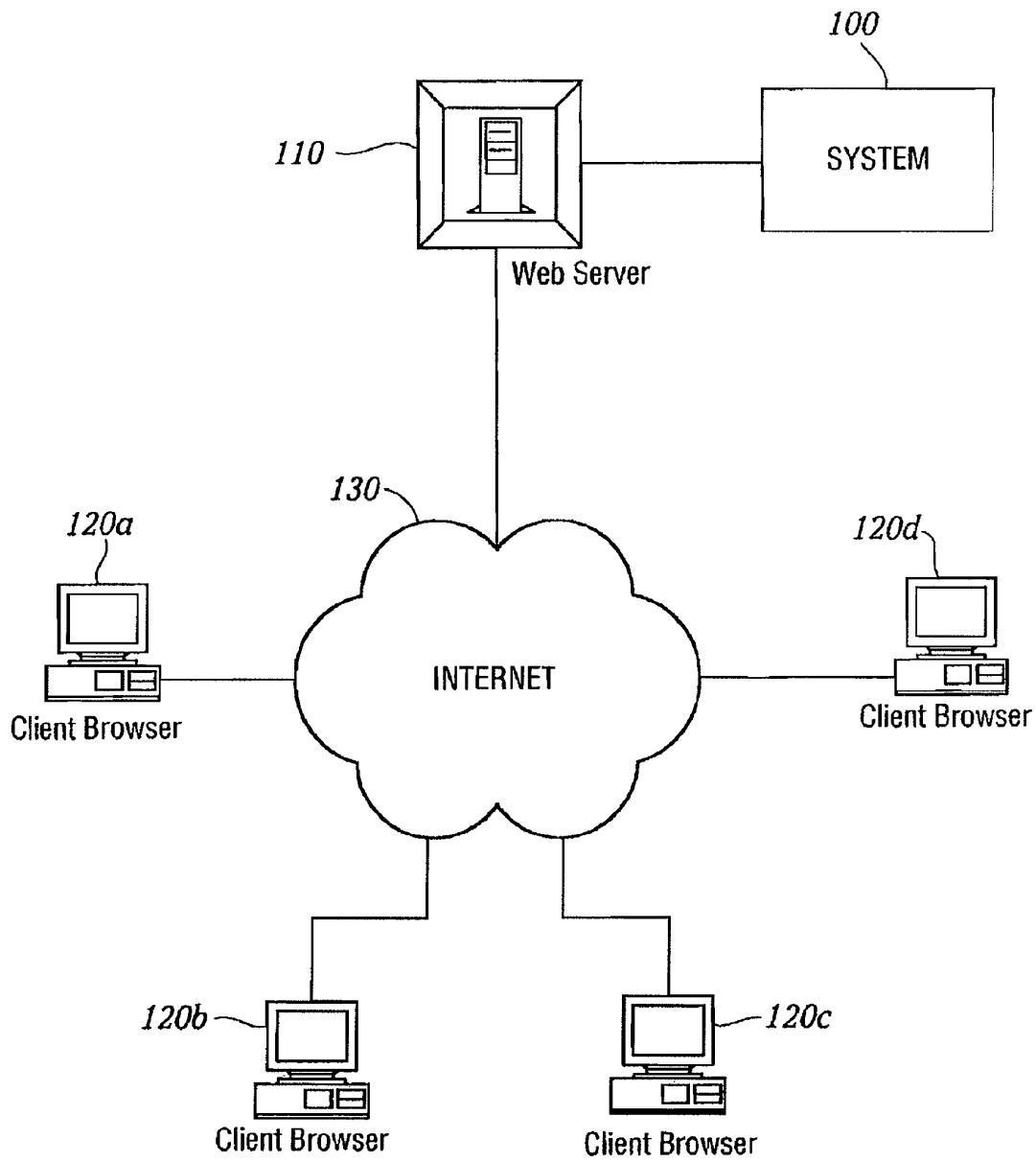


FIG. 1

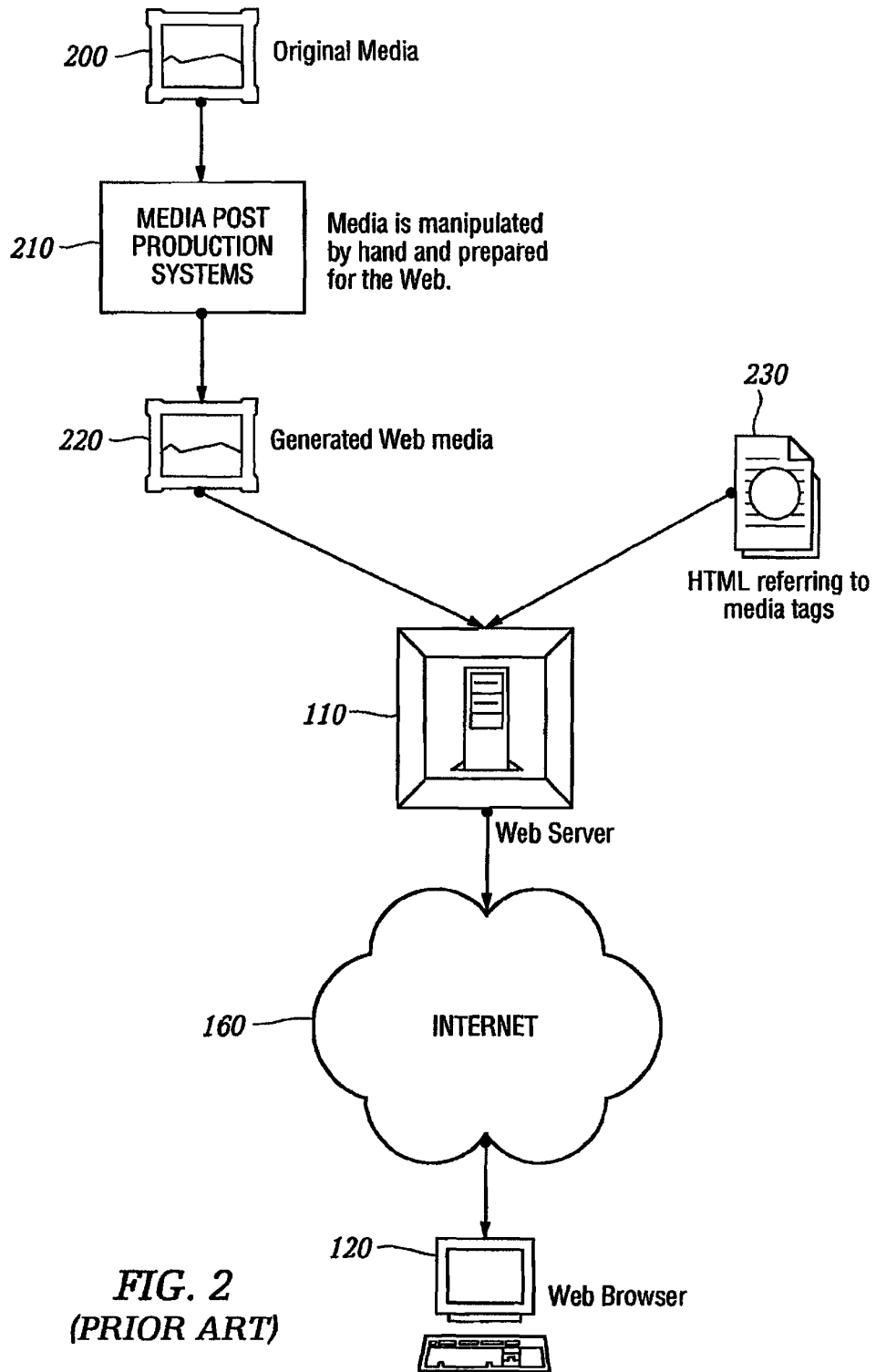


FIG. 2
(PRIOR ART)

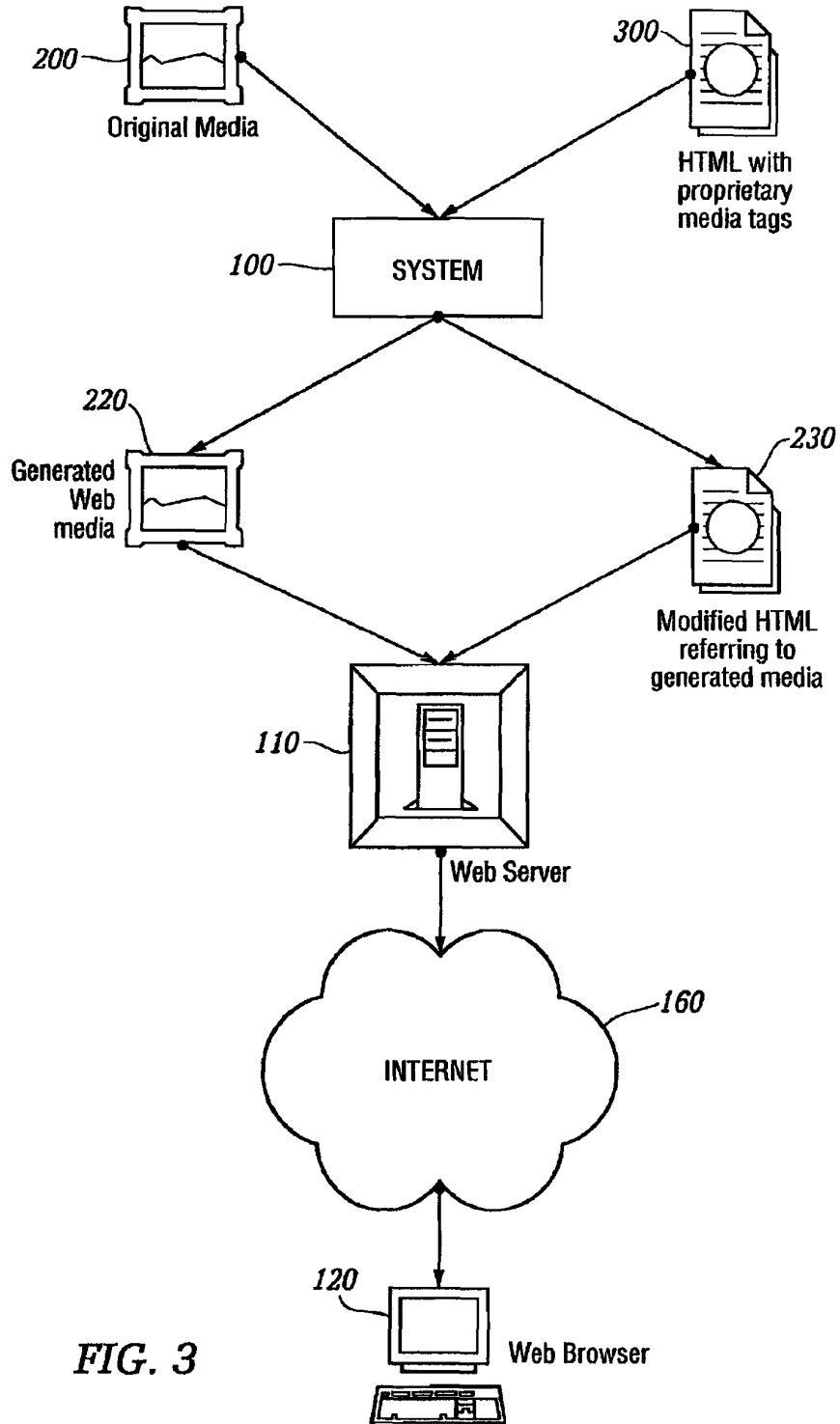


FIG. 3

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