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(54) DATA MANAGEMENT AND ORDER **DELIVERY SYSTEM**

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154(a)(2).

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(56)References Cited

U.S. PATENT DOCUMENTS

4,495,582 *	1/1985	Dessert et al	700/124
4,688,181	8/1987	Cottrell et al	364/521
4,799,156	1/1989	Shavit et al	364/401
4,933,880	6/1990	Borgendale et al	364/523
4,956,769	9/1990	Smith	364/200
4,992,940	2/1991	Dworkin	364/401

(List continued on next page.)

OTHER PUBLICATIONS

Armstrong, "For This Printer, Scanning's a Snap", Business Week, p. 16, Aug. 11, 1997.

Rowley, "Israeli Firm Puts Photos On-line", Chicago Tribune, Aug. 6, 1997.

Spinner, "Going With The Flow", CFO, table of contents and pages 53-57, Aug. 1997.

Capturing & Saving Digital Images.

Manual: Media Asset Management, GISTICS Incorporated, 1997.

Brochure: Media Bank, Digital Asset Management by Archetype.

Brochure: Media Bank, The Power of Digital Asset Management by Archetype.

Brochure: Media Assets 1.6 by Media Way.

Brochure: Job Manager, Information Management System for the Graphic Arts Industry by Meta Communications. Brochure: Telescope, Client Server Media Management Database by North Plains Systems, Inc.

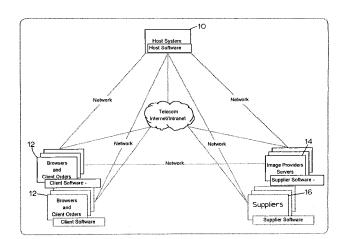
(List continued on next page.)

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ABSTRACT

A digital data management and order delivery system is provided. The system includes a storage device for storing digital data and a searching engine for developing a subset of the digital data stored in the storage device in response to inputs received from a first user. The system is also provided with a job order developer responsive to inputs received from the first user for developing a job order which includes: a) at least one copy of the digital data contained in the subset and identified by the first user; and b) a file containing information developed by the first user outside the system. In addition, the system includes a router for electronically routing the job order compiled by the job order developer to a second user specified by the first user.

74 Claims, 27 Drawing Sheets





U.S. PATENT DOCUMENTS

5,065,447	*	11/1991	Barnsley et al 382/249
5,144,556		9/1992	Wang et al 364/419
5,153,936	*	10/1992	Morris et al 345/428
5,263,157		11/1993	Janis
5,276,901		1/1994	Howell et al 395/800
5,315,693		5/1994	Hirosawa 395/128
5,319,401	*	6/1994	Hicks 354/76
5,319,402		6/1994	Hicks 354/76
5,319,543		6/1994	Wihhelm 364/401
5,383,027	*	1/1995	Harvey et al 358/296
5,426,594	*	6/1995	Wright et al 395/200.36
5,440,401	*	8/1995	Parulski et al 386/124
5,463,555	*	10/1995	Ward et al 364/468.02
5,469,353		11/1995	Pinsky et al 364/413.01
5,493,677	*	2/1996	Balough et al 707/104
5,539,906		7/1996	Abraham et al 395/600
5,553,281		9/1996	Brown et al 395/600
5,581,749		12/1996	Hossain et al 395/600
5,584,022		12/1996	Kikuchi et al 395/609
5,625,776		4/1997	Johnson 395/227
5,630,125		5/1997	Zellweger 395/614
5,666,215		9/1997	Fredlund et al 358/487
5,696,901	*	12/1997	Konrad 395/200.33
5,784,461		7/1998	Shaffer et al 386/21
5,845,263	*	11/1999	Camaisa et al 705/27
5,852,435	*	12/1998	Vigneaux et al 345/302
5,875,268	*	2/1999	Miyake 382/276
5,978,804	*	11/1999	Dietzman 707/10
6,017,157		1/2000	Garfinkle et al 396/639
6,154,755		11/2000	Delbert et al 707/526

OTHER PUBLICATIONS

Brochure: Luminous Media Manager by Luminous Technology Systems, Inc.

Brochure: Luminous Media Manager Background by Luminous Techology Systems, Inc.

Brochure: Destiny, Focusing the Power of Your Digital Information by Centillion Digital Systems.

Brochure: DAX, File Transfer by Digital Art Exchange, Inc. Brochure: DAX Database Access by Digital Art Exchange, Inc.

Brochure: DAX, Remote Proofing by Digital Art Exchange, Inc.

Brochure: DAX. Computer-to-Plate by Digital Art Exchange, Inc.

Brochure: DAX, Interactive Mark-up by Digital Art Exchange, Inc.

Brochure: Digital Art Exchange, The Connectivity Solution by Digital Art Exchange, Inc.

Brochure: Cascade MediaSphere W3 by Cascade Systems, Inc.

Brochure: Cascade DataFlow by Cascade Systems, Inc.

Brochure: Cascade Product Overview by Cascade Systems, Inc.

Brochure: Cumulus Media Management System 3., by Canto.

Brochure: Hynet Digital Library System, Version 1.5 by Hynet Technologies.

Brochure: Galerie, Media Asset Management by Dalim.

Brochure: DALIM, Twist by Dalim.

Brochure: Cascade MediaSphere by Cascade Systems, Inc.

Brochure: Luminous PrintersWeb by Luminous Technology Corporation.

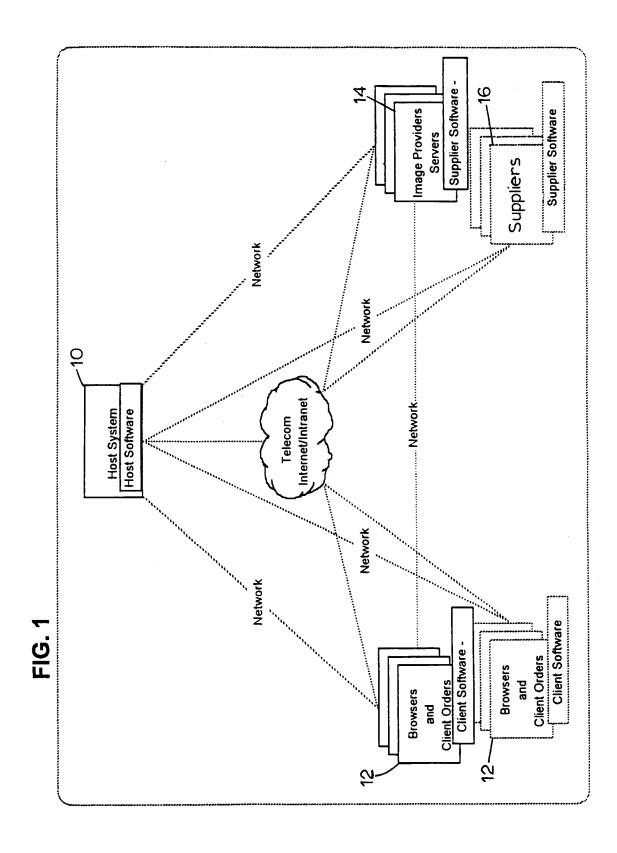
Martin, James A., "Moving Images Without Tears," Macworld, v12, n12, p. 121 (2), Dec., 1995.

"Methods For Image Management," (Seybold Special Report, Part II), Seybold Report on Publishing Systems, v24, n18, p. S44 (6), May 15, 1995.

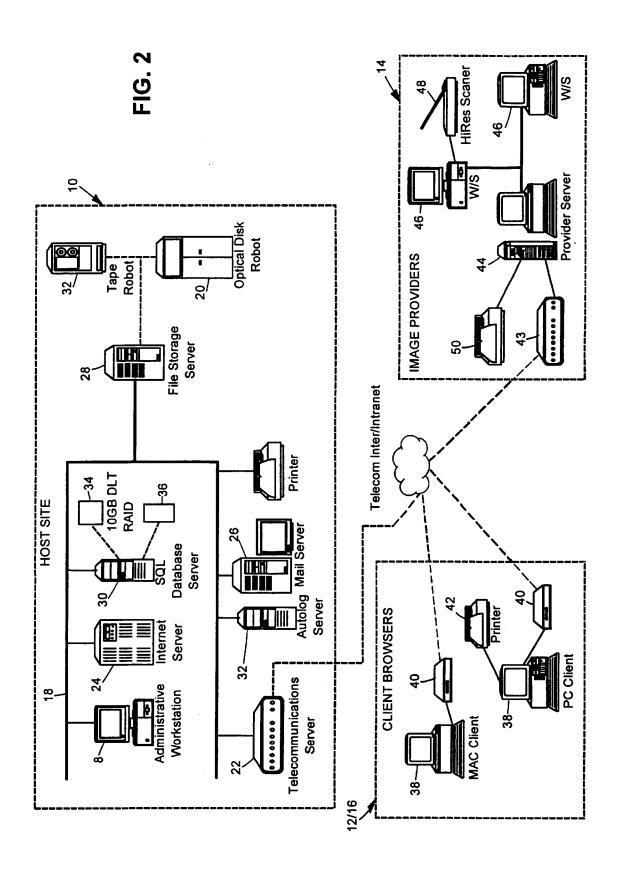
"More Notes From Nexpo: Image Handling, Digital Cameras and Links To Presses: Image Handling: Archiving, Retrieval, Etc.," (Includes A Related Article On Companies Offering Newspapers Pre–Made Comic Pages), Seybold Report on Publishing Systems, v25, n1, p. 28 (II), Sep. 1, 1995.

* cited by examiner

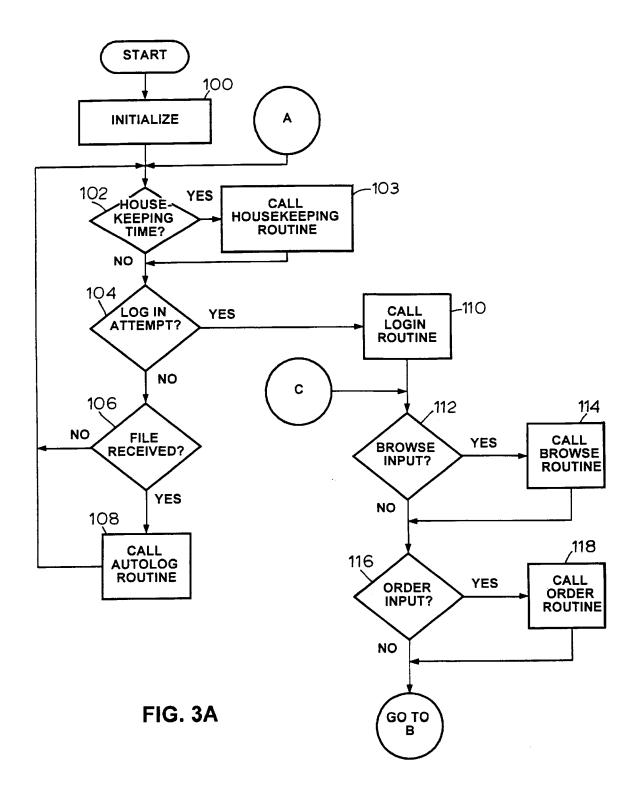












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