25/04/03

2003023546

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
2 May 2002 (02.05.2002)

PCT

162162

(10) International Publication Number
WO 02/035359 A3

(51) International Patent Classification[7]: H04L 29/06, G06F 17/30

(21) International Application Number: PCT/US01/42785

(22) International Filing Date: 26 October 2001 (26.10.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/266,286	26 October 2000 (26.10.2000)	US
60/278,469	23 March 2001 (23.03.2001)	US
60/278,408	23 March 2001 (23.03.2001)	US
60/278,409	23 March 2001 (23.03.2001)	US
60/278,285	23 March 2001 (23.03.2001)	US
09/681,644	15 May 2001 (15.05.2001)	US

(71) Applicant: **PRISMEDIA NETWORKS, INC.** [US/US]; 3080 North First Street, Second Floor, San Jose, CA 95134 (US).

(71) Applicants and
(72) Inventors: **HUANG, Tsan-Fung** [US/US]; 1817 Alpine Drive, San Marino, CA 91108 (US). **ISAACSON, Trygve** [US/US]; 901 William Drive, San Lorenzo, CA 94580 (US). **FLOOD, James, C., Jr.** [US/US]; 8540 SW Cashmur Lane, Portland, OR 97225 (US). **ORZEN, Matthew** [US/US]; 68 Whitney Street, San Francisco, CA 94131 (US).

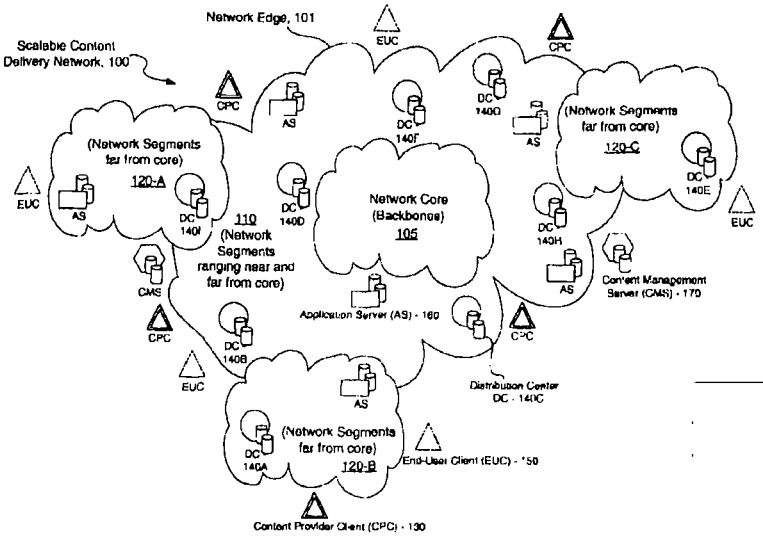
(72) Inventors: **SIM, Siew, Young**; 10435 Sterling Boulevard, Cupertino, CA 95014 (US). **CHAN, Desmond, Cho-Hung**; 55 Devonshire Avenue, Mountain View, CA 94043 (US). **CHAI, Wencheng**; 1067 Wunderlich Drive, San Jose, CA 95129 (US). **MILLS, George, Harlow**; 3215 Emerson Street, Palo Alto, CA 94580 (US).

(74) Agents: **RAY, Michael, B.** et al.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR MANAGING DISTRIBUTED CONTENT AND RELATED METADATA



ACTION

(57) Abstract: The invention provides a method and system for creating an innovative file system that separates its directory presentation from its data store. The method and system include processing, division, distribution, managing, synchronizing, and reassembling of file system objects that does not delay the presentation of the content to the user, but also uses a reduced amount of storage space. The invention includes the ability to manage and control the integrity of the files distributed across the network, and the ability to serve and reconstruct files in real time using a Virtual File Control System.

WO 02/035359 A3

(84) **Designated States** *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) **Date of publication of the international search report:**
18 September 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.