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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
5 December 2002 (05.12.2002)

PCT

(10) International Publication Number
WO 02/098041 A2

(51) International Patent Classification[7]: H04L

(21) International Application Number: PCT/US02/15200

(22) International Filing Date: 15 May 2002 (15.05.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/867,745 31 May 2001 (31.05.2001) US

(71) Applicant: CONTENTGUARD HOLDINGS, INC. [US/US]; 103 Foulk Road, Suite 200-M, Wilmington, DE 19803 (US).

(72) Inventors: TADAYON, Bijan; 20920 Scottsbury Dr., Germantown, MD 20876 (US). NAHIDIPOUR, Aram; 3224 145th Place, SE, Mill Creek, WA 98012 (US). WANG, Xin; 3005 Shrine Place, #8, Los Angeles, CA 90007 (US). RALEY, Michael, C.; 12834 Verdura Avenue, Downey, CA 90242 (US). LAO, Guillermo; 5531 Lorna Street, Torrance, CA 90503 (US). TA, Thanh, T.; 18694 Stratton Lane, Huntington Beach, CA 92648 (US). GILLIAM, Charles, P.; 27 Beach Drive, Darien, CT 06820 (US).

(74) Agent: KAUFMAN, Marc, S.; Nixon Peabody LLP, Suite 800, 8180 Greensboro Drive, McLean, VA 22102 (US).

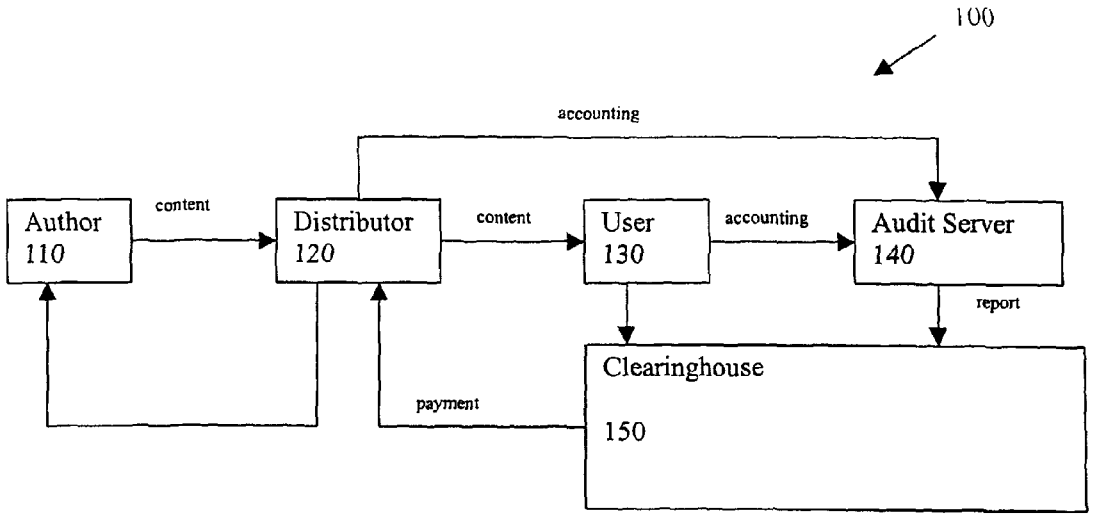
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT,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

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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:
— *without international search report and to be republished upon receipt of that report*

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.

(54) Title: METHOD AND APPARATUS FOR DYNAMICALLY ASSIGNING USAGE RIGHTS TO DIGITAL WORKS



(57) Abstract: Usage rights to digital content are dynamically assigned. Various dynamic conditions are monitored and the usage rights are adjusted in a predetermined manner based on the status of dynamic conditions. The dynamic conditions include the time of day, the load on a server or network, or the like. The resolution of an image can be determined based on the conditions and the image can be rendered using subband decomposition techniques to permit variable resolution images to be constructed on the fly.

WO 02/098041 A2