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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 December 2002 (12.12.2002)

PCT

(10) International Publication Number
WO 02/099672 A1

(51) International Patent Classification[7]: G06F 15/16, 17/21

(21) International Application Number: PCT/US01/42531

(22) International Filing Date: 5 October 2001 (05.10.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/871,920 1 June 2001 (01.06.2001) US

(71) Applicant: **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

(72) Inventors: **EDD, Linda, D.**; 703 23rd Street S.W., Rochester, MN 55902 (US). **LAMBERT, Terry, Charles**; 213 River Court N.E., Rochester, MN 55906 (US). **MCGUIRE, Timothy, Jerald**; RR1, Box 16, Elgin, MN 55932 (US). **SHORE, Thomas, Alan**; 2121 17th Street N.E., Rochester, MN 55906-4313 (US).

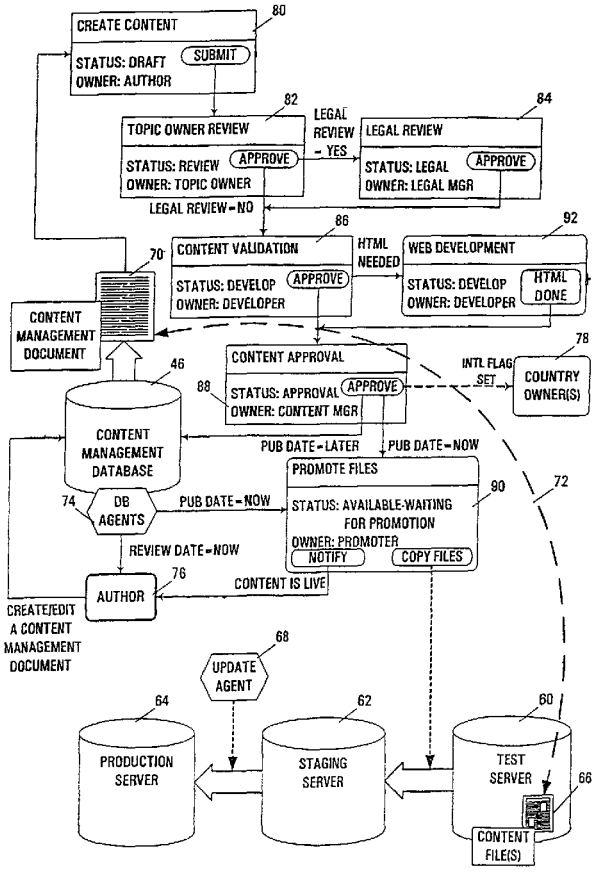
(74) Agents: **ROTH, Steven, W.** et al.; IBM Corporation, Dept. 917, Building 006-1, 3605 Highway 52 North, Rochester, MN 55901-7829 (US).

(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, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(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

[Continued on next page]

(54) Title: AUTOMATED MANAGEMENT OF INTERNET AND/OR WEB SITE CONTENT



(57) Abstract: A system for managing content from a content-controlled database using a content management record (70) linked to each content-controlled content item in the database (46). Each content record (70) is utilized in conjunction with a multi-stage content management process, where at least one stage is a review stage during which approval of an associated content item for a content record (70) and made available to users of the database (46), with the content record (70) updated to reflect status of the item. Content management information may be separately maintained from the content item. Content records (70) may be maintained in a groupware environment, whereby collaborative tools may be used for group member interaction. Content records (70) may be peridically monitored accuracy for promoting a current content item. Including, multiple linguistic content items' versions may be linked to ensure the changes are propagated to the other versions when necessary.

WO 02/099672 A1

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).

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.

Published:

— *with international search report*