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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 May 2003 (08.05.2003)

PCT

(10) International Publication Number
WO 03/038653 A1

(51) International Patent Classification[7]: G06F 17/00

(21) International Application Number: PCT/US02/35081

(22) International Filing Date:
1 November 2002 (01.11.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/330,842 1 November 2001 (01.11.2001) US
60/365,169 19 March 2002 (19.03.2002) US

(71) Applicant: **VERISIGN, INC.** [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).

(72) Inventors: **BALOGH, Aristotle, Nicholas**; 2779 Marshall Lake Drive, Oakton, VA 22124 (US). **MCMILLEN, Bradley, Thomas**; 1343 MayFlower Drive, McLean, VA 22101 (US).

(74) Agents: **TREIBER, Adam** et al.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).

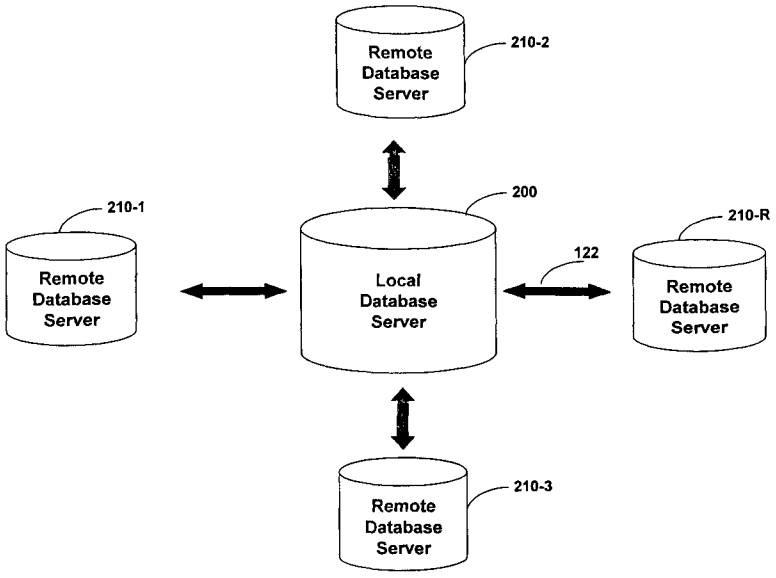
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search 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 SYSTEM FOR VALIDATING REMOTE DATABASE



(57) Abstract: Embodiments of the present invention provide a method and system for validating remote database updates over a network. A local database (200) record and a remote database record may be compared and exceptions may be generated. Each exception may describe a discrepancy between the remote and local database (200) records. An exception identifier may be associated with each exception, where the exception identifier may be associated with an identifier of the record. An event identifier may be associated with each event in the updated, where the event identifier may be associatedwith an identifier of the record. The events and exceptions that correspond to the record may be compared to determine whether the update is valid.

WO 03/038653 A1