

(51) International Patent Classification:
G06F 15/173 (2006.01)(21) International Application Number:
PCT/US2011/025610(22) International Filing Date:
21 February 2011 (21.02.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/710,712 23 February 2010 (23.02.2010) US(71) Applicant (for all designated States except US): **BANK OF AMERICA CORPORATION** [US/US]; 101 South Tryon Street, Charlotte, North Carolina 28255 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RANGARAJAN, Anuradha** [US/US]; c/o Bank of America, Mailcode: NC1-002-29-01, 101 South Tryon Street, Charlotte, North Carolina 28255 (US). **SKILJAN, Margie** [US/US]; c/o Bank of America, Mailcode: NC1-002-29-01, 101 South Tryon Street, Charlotte, North Carolina 28255 (US). **EDWARDS, Tim M.** [US/US]; c/o Bank of America, Mailcode: NC1-002-29-01, 101 South Tryon Street, Charlotte, North Carolina 28255 (US). **GILL, Davindar** [IN/US]; c/o Bank of America, Mailcode: NC1-002-29-01, 101 South Tryon Street, Charlotte, North Carolina 28255(US). **BUCHHOP, Peter K.** [US/US]; c/o Bank of America, Mailcode: NC1-002-29-01, 101 South Tryon Street, Charlotte, North Carolina 28255 (US).(74) Agents: **SMOLIK, Kenneth F.** et al.; **BANNER & WITCOFF, LTD.**, 10 South Wacker Drive, Suite 3000, Chicago, Illinois 60606 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

[Continued on next page]

(54) Title: CONTENT SERVICE BUS FRAMEWORK

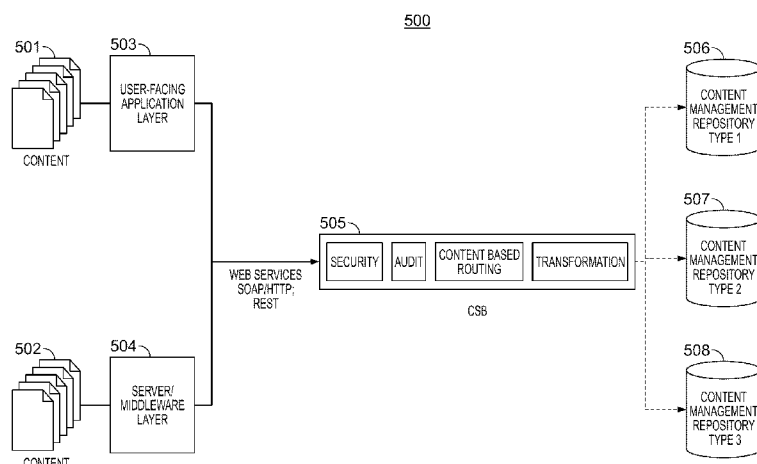


FIG. 5

(57) **Abstract:** Electronic content is routed and stored within an enterprise, in which a distributed service-oriented architecture platform is provided to seamlessly route and store content to heterogeneous enterprise content repositories. Dynamic content may be stored, retrieved and queried in real-time through a content service bus (CSB), thus eliminating the need to have point-to-point connectivity between client applications and the destination repositories, while supporting the flexibility to consolidate multiple platforms with minimal impacts to clients. The CSB framework may incorporate underlying technologies, including Web services, intelligent routing based on content, message transformation, and federation of content. A request may be routed to the appropriate content repository based on attached content or metadata in the request and transformed by the CSB to a format required by the determined content repository. The requestor is subsequently provided a response from the content repository in a consistent manner for all of the content repositories.



-
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- Published:**
- *with international search report (Art. 21(3))*