



(51) International Patent Classification:
G06F 9/445 (2018.01) *G06F 9/46* (2006.01)

(21) International Application Number:
PCT/US2022/017597

(22) International Filing Date:
24 February 2022 (24.02.2022)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant: **VISA INTERNATIONAL SERVICE ASSOCIATION** [US/US]; P.O. Box 8999, San Francisco, California 94128 (US).

(72) Inventors: **COALE, Christopher, Aaron**; 6422 Savannah Pl., Stockton, California 95219 (US). **SAINI, Amit**; 3277 Gulfstream St., Pleasanton, California 94588 (US).

KASARABADA, Sanjeev; 5486 Springvale Dr., Dublin, California 94568 (US).

(74) Agent: **PREPELKA, Nathan J.** et al.; The Webb Law Firm, One Gateway Center, 420 Ft. Duquesne Blvd., Suite 1200, Pittsburgh, Pennsylvania 15222 (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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM,

(54) Title: METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MANAGING CONFIGURATION LEASE

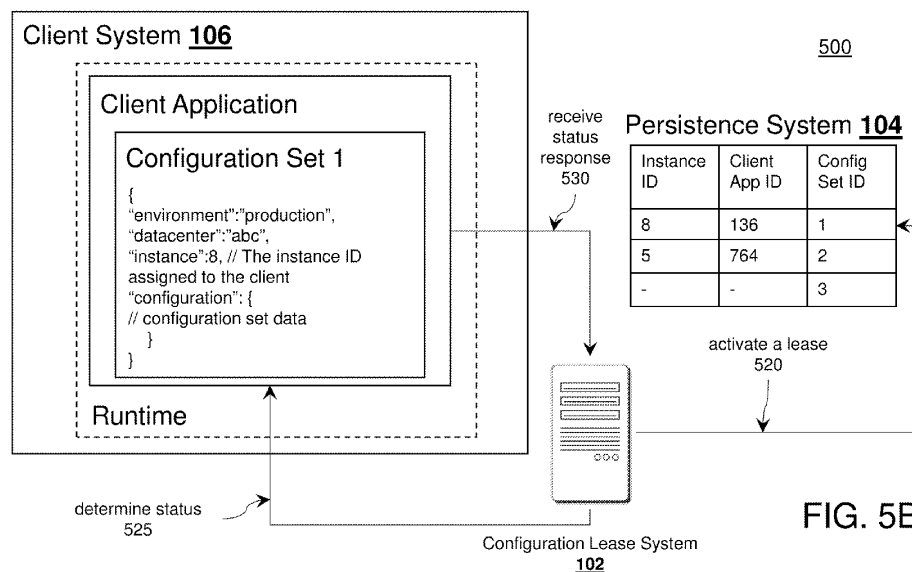


FIG. 5B

(57) Abstract: Provided is a computer-implemented method, system, and computer program product for leasing decoupled configurations and managing configuration lease persistence with application state management including receiving a configuration set lease request from a client application in response to the client application being launched. In response to receiving the configuration set lease request, the method, system, and computer program product includes determining a unique configuration set from a pool of different configuration sets. Further, the method, system, and computer program product includes communicating the unique configuration set to the client application and activating a lease of the unique configuration set by associating the client application with the unique configuration set in a lease database. In response to determining that the lease is valid, persisting the lease in the lease database. In response to determining that the lease is invalid, deactivating the lease of the unique configuration set in the lease database.

[Continued on next page]

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))
