



- (51) **International Patent Classification:**
Not classified
- (21) **International Application Number:**
PCT/SG2023/050055
- (22) **International Filing Date:**
01 February 2023 (01.02.2023)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/307,595 07 February 2022 (07.02.2022) US
17/700,407 21 March 2022 (21.03.2022) US
17/953,924 27 September 2022 (27.09.2022) US
- (71) **Applicant: TEAMSOLVE PTE. LTD.** [SG/SG]; 77 Robinson Road, #16-00, Robinson 77, Singapore 068896 (SG).
- (72) **Inventors: PREIS, Amitsur;** c/o Teamsolve Pte. Ltd., 77 Robinson Road, #16-00, Robinson 77, Singapore 068896 (SG). **ALLEN, Michael, Peter;** c/o Teamsolve Pte. Ltd., 77 Robinson Road, #16-00, Robinson 77, Singapore 068896 (SG). **IQBAL, Muhammad Mudasser;** c/o Teamsolve Pte. Ltd., 77 Robinson Road, #16-00, Robinson 77, Singapore 068896 (SG). **WONG, Robin, Loo Ping;** c/o Teamsolve Pte. Ltd., 77 Robinson Road, #16-00, Robinson 77, Singapore 068896 (SG).
- (74) **Agent: GHOWS LLC;** 10 Anson Road, #26-06A International Plaza, Singapore 079903 (SG).
- (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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU,

(54) **Title:** INDUSTRIAL VIRTUAL ASSISTANT PLATFORM WITH ROBOTIC PROCESS AUTOMATION FOR KNOWLEDGE AND INSIGHTS MANAGEMENT

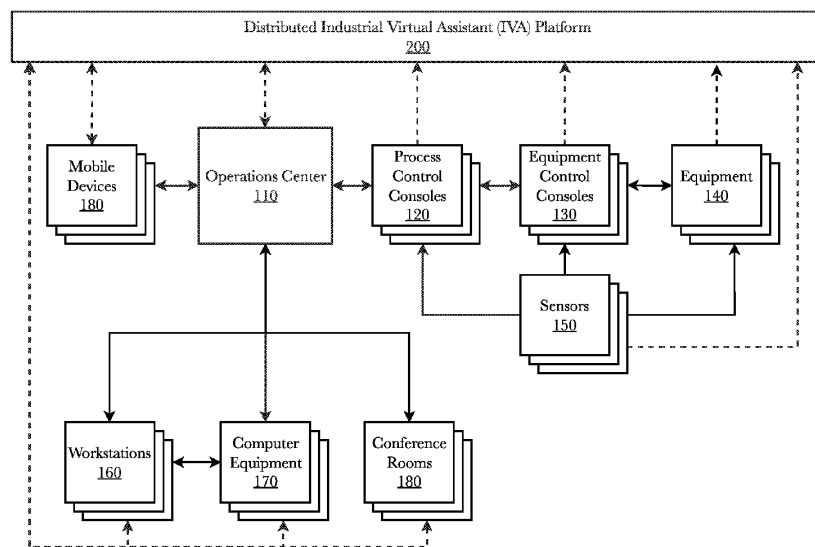


FIG. 1

(57) **Abstract:** An Industrial Virtual Assistant (IVA) platform with Robotic Process Automation that operates like a Digital Knowledge Companion and allows operational staff at industrial facilities to have natural language conversations with the IVA to obtain information about, and to control operations of, industrial facilities, and which automates certain processes based in part on those natural language conversations. In an embodiment, the platform uses a Robotic Process Automater (RPA) to ingest information from documentation, human inputs, and operational data from the facility, organize that information into a knowledge graph containing comprehensive facility information, and apply machine learning algorithms to the knowledge graph to provide natural language responses to human queries and to automate certain processes of the facility.

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LY, MA, MD, 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, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, ME, 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:

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