

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
20 February 2025 (20.02.2025)



(10) International Publication Number
WO 2025/038900 A3

- (51) **International Patent Classification:**
G06N 3/008 (2023.01) *G06N 3/0464* (2023.01)
G06F 40/00 (2020.01)
- (21) **International Application Number:**
PCT/US2024/042605
- (22) **International Filing Date:**
16 August 2024 (16.08.2024)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/533,160 17 August 2023 (17.08.2023) US
63/538,142 13 September 2023 (13.09.2023) US
18/804,948 14 August 2024 (14.08.2024) US
- (71) **Applicant:** XTEND AI INC. [US/US]; 1727 Hollow Glen Drive, Middleburg, Florida 32068 (US).
- (72) **Inventors:** FOX, Harry; 14 Ha'Irit Street, 9389514 Jerusalem (IL). AZOULAY, David; Avraham Ferera 7/44, 9642919 Jerusalem (IL). ZLOTNIKOV, Boris; 3920 St. Building 8, 6762487 Tel Aviv (IL). GORELICK, Andrew C.; Eli Cohen St. 44B, Apt. 31, 7871816 Ashkelon (IL). SPIRO, Efraim; 25 George Washington Street, entrance 1 aptmt 1, 9418752 Jerusalem (IL).

(74) **Agent:** ARON, Eviatar; JMB Davis Ben-David LTD., Har-Hotzvim, Hi-Tech Park, 11 Kiryat Hamada St., P.O. Box 45087, Jerusalem 9777401 (IL).

(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, LY, MA, MD, MG, MK, MN, MU, 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, 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, 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).

(54) **Title:** INTERACTION CONTROLLING ROBOT

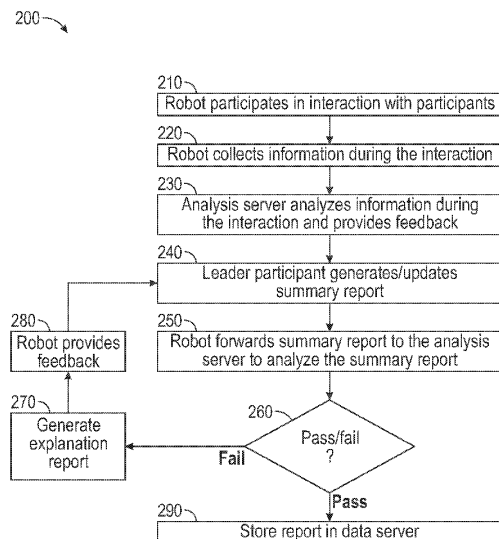


FIG. 2

(57) **Abstract:** A system, including an analysis server computer, a robot that is configured to participate in interactions with one or more participants; wherein the robot is configured to collect information related to the participants during the interaction, wherein the robot accepts a summary report related to the interaction from a participant or forms a summary report, wherein the robot is configured to forward the summary report to the analysis server for analysis, wherein the analysis server is configured to analyze the summary report and determine if the summary report should pass or fail, when the summary report passes the analysis server is configured to store the summary report in a database; and when the summary report fails the analysis server is configured to provide feedback to the robot with a list of problems for correction in the summary report.

[Continued on next page]

Published:

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

(88) Date of publication of the international search report:

17 April 2025 (17.04.2025)