

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
16 July 2020 (16.07.2020)



(10) International Publication Number
WO 2020/144633 A1

(51) International Patent Classification:
G06F 3/01 (2006.01) *G06N 3/10* (2006.01)
G06T 13/40 (2011.01)

(21) International Application Number:
PCT/IB2020/050172

(22) International Filing Date:
10 January 2020 (10.01.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
201921001089 10 January 2019 (10.01.2019) IN

(72) Inventors; and

(71) Applicants: **RAUT, Pankaj** [IN/IN]; 501, Arcadia, Hiranandani Estate, Patlipada, Ghodbunder Road, Thane, Maharashtra -400607, India, Thane 400607 (IN). **PATIL, Abhijit** [IN/IN]; 501, Arcadia, Hiranandani Estate, Patlipada, Ghodbunder Road, Thane, Maharashtra -400607, India, Thane 400607 (IN). **TOMAR, Abhishek** [IN/IN]; 501, Arcadia, Hiranandani Estate, Patlipada, Ghodbunder Road, Thane, Maharashtra -400607, India, Thane 400607 (IN).

(72) Inventor: **CHOUDHARY, Suraj Kumar**; 501, Arcadia, Hiranandani Estate, Patlipada, Ghodbunder Road, Thane, Maharashtra -400607, India, Thane 400607 (IN).

(74) Agent: **DAHIYA, Vivek**; Boudhik IP LLP, 204, DLF Star Tower, Sector 30, Gurgaon-122001, Haryana, India, Gurgaon 122001 (IN).

(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, 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, 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, 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,

(54) Title: SYSTEM AND METHOD FOR GENERATING SOCIAL INTERACTION PLATFORM FOR DIGITAL ENTITIES WITHIN EXTENDED REALITY ENVIRONMENTS

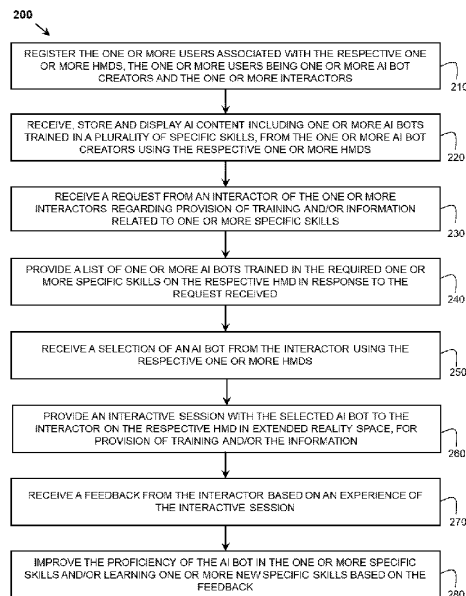


FIG. 2

(57) Abstract: A method (200) for enabling an HMD based social interaction between users and AI bots, comprises registering (210) one or more users associated with respective one or more HMDs (1021...102n), receiving, storing and displaying (220) AI content including one or more AI bots trained in a plurality of specific skills, receiving (230) a request regarding provision of training and/or information related to one or more specific skills, providing (240) a list of one or more AI bots trained in the required one or more specific skills, receiving (250) a selection of an AI bot from the respective HMD, providing (260) an interactive session with the selected AI bot on the respective HMD in an extended reality space, receiving (270) a feedback based on an experience of the interactive session and improving (280) the proficiency of the AI bot in the one or more specific skills based on the feedback.

WO 2020/144633 A1

[Continued on next page]

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))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*