



(51) International Patent Classification:
G06F 3/03 (2006.01) *G06F 17/40* (2006.01)
G06F 7/00 (2006.01)

(21) International Application Number:
PCT/IN2022/050172

(22) International Filing Date:
01 March 2022 (01.03.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
202121008628 01 March 2021 (01.03.2021) IN

(71) Applicant: **BIONIC HOPE PRIVATE LIMITED**
[IN/IN]; Robo Bionics, Pearl Haven, 1st Floor, Kumbhar-
wada, Manickpur, Vasai West, Vasai Virar, Palghar-, Thane
401202 (IN).

(72) Inventors: **GRENOLD LOY DSA, Llewellyn**; A-603,
Anora Towers, Suncity, off 100 feet Road, Vasai Road
West, Vasai Virar, Dist. Palghar, Maharashtra, Thane
401202 (IN). **DSA, Priyanka**; A-603, Anora Towers,
Suncity, off 100 feet Road, Vasai Road West, Vasai Virar,
Dist. Palghar, Maharashtra 40120 Thane (IN). **NAIR, Anil**;
B 104, Shri Krishna Complex, Barampur, Vasai Road West,
Vasai Virar, Dist. Palghar, Maharashtra, Thane 401202
(IN).

(74) Agent: **AGRAWAL, Neha**; M-702, The Lagoon, Ambi-
cence Island, NH-8, Gurugram, Haryana - 122002 (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, 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,

(54) Title: SENSORY FEEDBACK SYSTEM

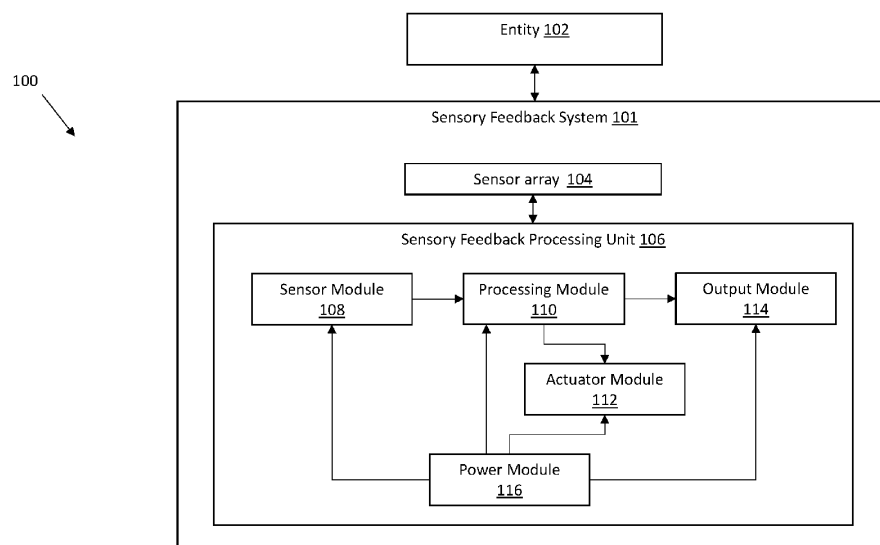


FIG. 1

(57) Abstract: The present disclosure relates to a sensory feedback system (101) including a sensor array (104) and a sensory feedback processing unit (106). The sensor array (104) is arranged with respect to an entity (102) to sense a set of parameters associated with an operation of the entity (102). The sensory feedback processing unit (106) is configured to generate sensory feedback based on the sensed parameters, and provide the sensory feedback to an operator of the entity (102) by way of at least one of: an actuator and an output device, thereby enabling control of the operation of the entity (102). The sensory feedback is at least one of: tactile feedback, visual feedback, and audio feedback.

[Continued on next page]

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, 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*