

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
04 March 2021 (04.03.2021)



(10) International Publication Number
WO 2021/038437 A1

- (51) International Patent Classification:
B65G 1/02 (2006.01)
- (21) International Application Number:
PCT/IB2020/057931
- (22) International Filing Date:
25 August 2020 (25.08.2020)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
62/891,549 26 August 2019 (26.08.2019) US
- (71) Applicant: **ATTABOTICS INC** [CA/CA]; 7944 10 ST NE, Calgary, Alberta T2E 8X2 (CA).
- (72) Inventors: **GRAVELLE, Scott**; 7944 10 ST NE, Calgary, Alberta T2E 8X2 (CA). **HOPE, Winston**; 7944 10 ST NE, Calgary, Alberta T2E 8X2 (CA). **ROUSSEAU, Darin**; 7944 10 ST NE, Calgary, Alberta T2E 8X2 (CA). **DHALIWAL, Sundeep**; 7944 10 ST NE, Calgary, Alberta T2E 8X2 (CA). **LANGEN, Douglas**; 7944 10 ST NE, Calgary, Alberta T2E 8X2 (CA).
- (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, 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, 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).

Declarations under Rule 4.17:

- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))
— in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE

(54) Title: MULTI-ZONE AUTOMATED STORAGE AND RETRIEVAL SYSTEM

