

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
13 July 2023 (13.07.2023)



(10) International Publication Number
WO 2023/133108 A2

(51) International Patent Classification:
A61L 2/18 (2006.01) *A47L 25/00* (2006.01)

SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(21) International Application Number:
PCT/US2023/010068

Published:

— without international search report and to be republished
upon receipt of that report (Rule 48.2(g))

(22) International Filing Date:
03 January 2023 (03.01.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/296,433 04 January 2022 (04.01.2022) US
63/307,123 06 February 2022 (06.02.2022) US

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(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, 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,

(54) Title: DISINFECTION ROBOTS AND DISINFECTION METHODS

(57) Abstract: A cleaning and disinfection system. More particularly, aspects of the invention relate to devices, systems and methods for cleaning and/or disinfection of spaces by robotic means. In one aspect, the present invention provides disinfection robots that may be conveniently deployed at target spaces including public transits, are able to navigate through small and narrow spaces and disinfect such spaces effectively and efficiently. In another aspect, the present invention provides an atomization system the is capable of generating droplets of at least 40 microns in size and of substantially the same size. In yet another aspect, the present invention provides methods for disinfecting a confined space such as a space on a railway system or an aircraft, or a confined room using droplets of a disinfection composition.



WO 2023/133108 A2