

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
11 November 2021 (11.11.2021)



(10) International Publication Number
WO 2021/225867 A1

(51) International Patent Classification:

A61B 5/00 (2006.01) *G16H 50/00* (2018.01)
G16H 50/80 (2018.01)

(21) International Application Number:

PCT/US2021/029991

(22) International Filing Date:

29 April 2021 (29.04.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/021,040 06 May 2020 (06.05.2020) US

(71) Applicant: **NOODLE TECHNOLOGY INC.** [US/US];
414 Brannan St., San Francisco, California 94107 (US).

(72) Inventors: **TEISSONNIERE, Elliott Quentin Eric**; 414
Brannan St., San Francisco, California 94107 (US).
LOISEAU, Lucien Jean Baptiste; 414 Brannan St., San
Francisco, California 94107 (US). **KINSMAN, Garrett
Edward**; 414 Brannan St., San Francisco, California 94107
(US). **BENOLIEL, Micha Anthenor**; 414 Brannan St.,
San Francisco, California 94107 (US).

(74) Agent: **JOHNSON, Paul G.**; 1389 Center Drive, Suite 300,
Park City, Utah 84098 (US).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

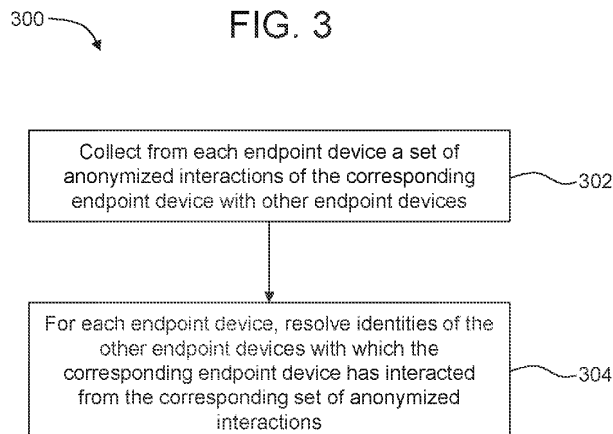
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, 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).

Published:

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

(54) Title: CONTACT TRACING AMONG WORKERS AND EMPLOYEES



(57) Abstract: A method may include collecting from each of multiple endpoint devices a set of anonymized interactions of the corresponding endpoint device with other endpoint devices. Each anonymized interaction in the set of anonymized interactions may be based on an ephemeral unique identifier of another endpoint device involved in a corresponding anonymized interaction with the corresponding endpoint device. The method may include, for each endpoint device, resolving identities of the other endpoint devices with which the corresponding endpoint device has interacted from the corresponding set of anonymized interactions.

WO 2021/225867 A1