

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
08 March 2018 (08.03.2018)



(10) International Publication Number
WO 2018/045349 A8

(51) International Patent Classification:
G01N 27/06 (2006.01)

(21) International Application Number:
PCT/US2017/049961

(22) International Filing Date:
01 September 2017 (01.09.2017)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/382,736 01 September 2016 (01.09.2016) US

(71) Applicant: NAYA HEALTH, INC. [US/US]; 390 Bridge Parkway, Suite C, Redwood City, CA 94065 (US).

(72) Inventors: CONNER, Arlie; 7624 SE 7th Avenue, Portland, OR 97202 (US). ALVAREZ, Jeffery, B.; 412 Lan-

yard Drive, Redwood City, CA 94065 (US). GASKIN, Nathaniel; 701 E. Charleston Road, Palo Alto, CA 94303 (US). KINTZ, Greg; 206 Wavcrest Avenue, Santa Cruz, CA 95060 (US). HOGLUND, Kris; 181 Byron Street, Palo Alto, CA 94301 (US).

(74) Agent: PORTNOW, Douglas et al.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (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, 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,

(54) Title: APPARATUS AND METHODS FOR MEASURING FLUID ATTRIBUTES IN A RESERVOIR

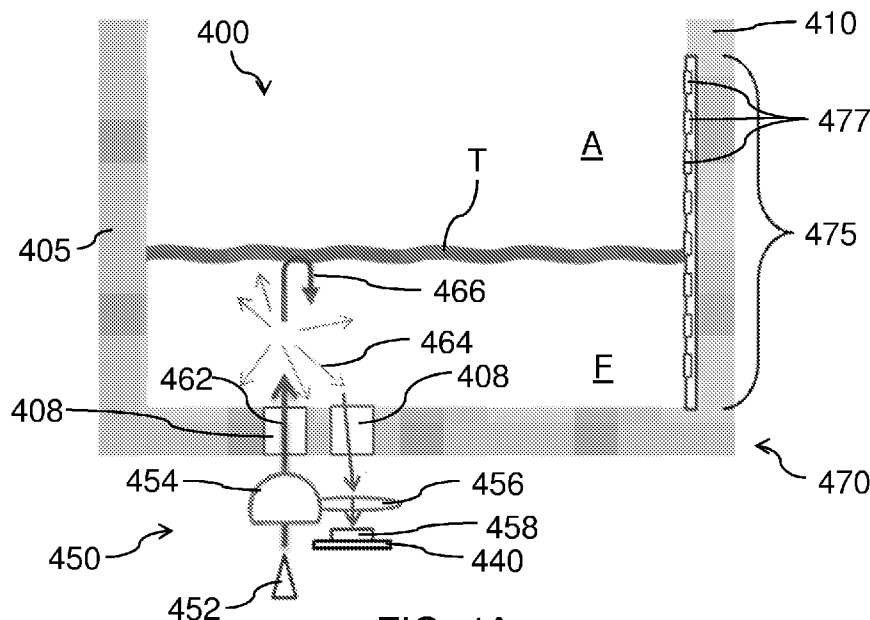


FIG. 4A

(57) Abstract: Apparatus and methods are disclosed herein for providing a sensing reservoir having one or more sensors integrated with the reservoir for measuring one or more properties of the fluid contained in the reservoir. The sensing reservoir may comprise one or more sensors configured to measure an amount of the fluid contained in the reservoir, an optical property of the fluid contained inside the reservoir, and/or a conductivity of the fluid contained inside the reservoir. The various properties or characteristics of the fluid contained in the reservoir, as determined by the one or more fluid sensors as disclosed herein, may be used to derive information about the composition or nutritional value of the fluid.

SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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))*

(48) Date of publication of this corrected version:

03 May 2018 (03.05.2018)

(15) Information about Correction:

see Notice of 03 May 2018 (03.05.2018)