



(51) International Patent Classification:

B01L 3/502738 (2006.01) **H01J 37/16** (2006.01)
G01N 1/30 (2006.01) **H01J 37/20** (2006.01)
G01N 1/31 (2006.01) **H01J 37/252** (2006.01)

(21) International Application Number:

PCT/US2021/047085

(22) International Filing Date:

23 August 2021 (23.08.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

17/023,922 17 September 2020 (17.09.2020) US
17/025,390 18 September 2020 (18.09.2020) US

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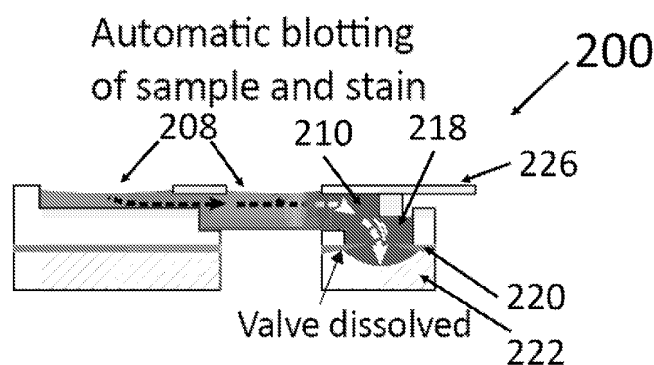
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, 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,

(54) Title: AN AUTONOMOUS MICROFLUIDIC DEVICE FOR SAMPLE PREPARATION

Fig. 1C



(57) Abstract: The method is for preparing a sample in a microfluidic device. The microfluidic device is provided that has a first reservoir in fluid communication with a second reservoir in fluid communication with and adjacent to a draining unit that has a first absorbing member disposed therein. The first reservoir contains a first liquid that is held in the first reservoir by a capillary stop valve connecting the first and second reservoirs. The second reservoir has a sample support disposed therein. A second liquid, containing substances, is added to the second reservoir. The second liquid contacts the first liquid and the first absorbing member. The first absorbing member absorbs the second liquid and the first liquid. The substances adhere to the sample support.

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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))*