



(51) International Patent Classification:
B01J 19/00 (2006.01) **B01L 3/00** (2006.01)

(21) International Application Number:
PCT/US2022/028319

(22) International Filing Date:
09 May 2022 (09.05.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/272,927 28 October 2021 (28.10.2021) 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, 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, 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).

(54) Title: FLOW CELLS AND METHODS FOR MAKING THE SAME

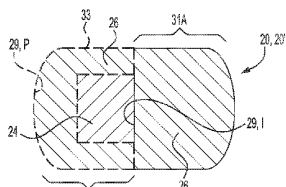


FIG. 1A

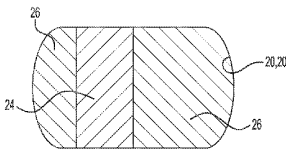


FIG. 1B

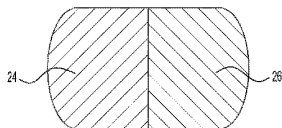


FIG. 1C

(57) Abstract: In an example method, a first functionalized layer is deposited over a resin layer including multi-depth depressions separated by interstitial regions, each depression including a deep portion and a shallow portion adjacent to the deep portion; a photoresist is deposited over the first functionalized layer; an ultraviolet light dosage is directed, through the resin layer, whereby a first photoresist portion generates an insoluble photoresist and a second photoresist portion becomes a soluble photoresist; the soluble photoresist is removed to expose a portion of the first functionalized layer; the portion of the first functionalized layer is removed to expose a portion of the resin layer; a second functionalized layer is deposited over the insoluble photoresist, and over the exposed portion of the resin layer; the insoluble photoresist is removed to expose the first functionalized layer; and the first functionalized layer or the second functionalized layer is removed from the interstitial regions.

Declarations under Rule 4.17:

— *as to the identity of the inventor (Rule 4.17(i))*

Published:

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

— *with sequence listing part of description (Rule 5.2(a))*