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62/522,628 20 June 2017 (20.06.2017) US</p> <p>(71) Applicant: ILLUMINA, INC. [US/US]; 5200 Illumina Way, San Diego, California 92122 (US).</p> <p>(72) Inventors: BOYANOV, Boyan; 5200 Illumina Way, San Diego, California 92122 (US). AKOLKAR, Rohan N.; 26400 Amhears Circle, Apt. 304, Beachwood, Ohio 44122-7585 (US). FISHER, Jeffrey S.; 5200 Illumina Way, San Diego, California 92122 (US). MANDELL, Jeffrey G.; 5200 Illumina Way, San Diego, California 92122 (US). QIANG, Liangliang; 5200 Illumina Way, San Diego, California 92122 (US). BARNARD, Steven M.; 5200 Illumina Way, San Diego, California 92122 (US).</p> | <p>(74) Agent: DIERKER, Julia Church et al.; Dierker & Kavanaugh, P.C., 3331 W. Big Beaver Road, Suite 109, Troy, Michigan 48084 (US).</p> <p>(81) Designated States (<i>unless otherwise indicated, for every kind of national protection available</i>): 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, 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.</p> <p>(84) Designated States (<i>unless otherwise indicated, for every kind of regional protection available</i>): 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, 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).</p> |
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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))

- (54) Title:** NANOPORE SEQUENCERS

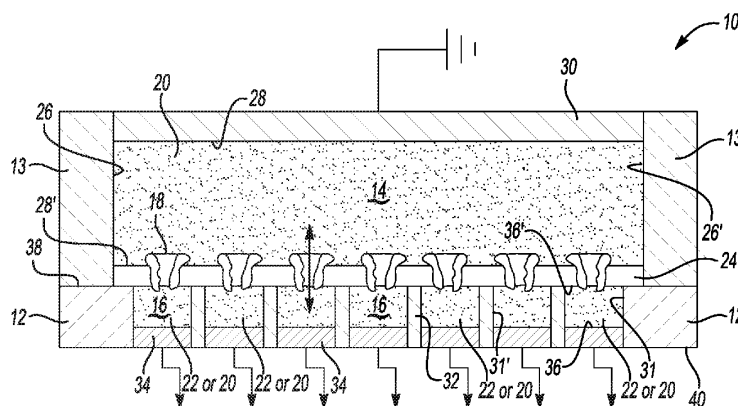


Fig-1

- (S7) Abstract:** Example nanopore sequencers include a cis well, a trans well, and a nanopore fluidically connecting the cis and trans wells. In one example sequencer, a modified electrolyte (including an electrolyte and a cation complexing agent) is present in the cis well, or the trans well, or in the cis and the trans wells. In another example sequencer, a gel state polyelectrolyte is present in the cis well, or the trans well, or in the cis and the trans wells.

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