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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
7 March 2013 (07.03.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/032688 A2

(51) International Patent Classification:
H01L 21/20 (2006.01) *H01L 33/00* (2010.01)
H01L 21/02 (2006.01)

(21) International Application Number:
PCT/US2012/050768

(22) International Filing Date:
14 August 2012 (14.08.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13/220,462 29 August 2011 (29.08.2011) 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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, 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, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) **Title**: DISCONTINUOUS PATTERNED BONDS FOR SEMICONDUCTOR DEVICES AND ASSOCIATED SYSTEMS AND METHODS

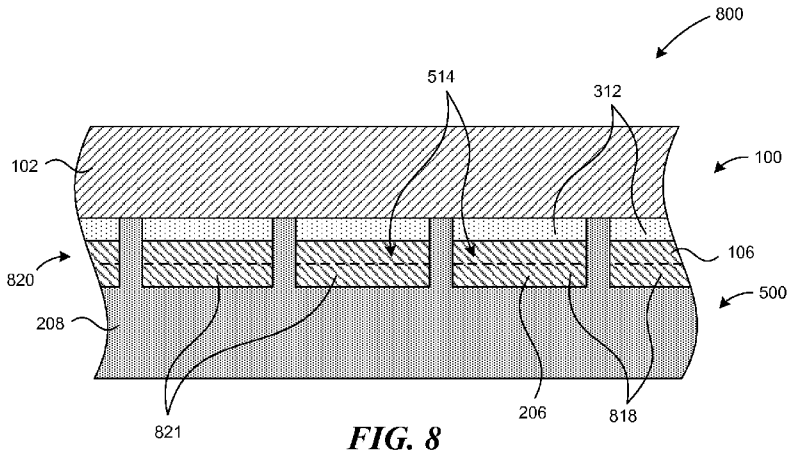


FIG. 8

(57) **Abstract**: Discontinuous bonds for semiconductor devices are disclosed herein. A device in accordance with a particular embodiment includes a first substrate and a second substrate, with at least one of the first substrate and the second substrate having a plurality of solid-state transducers. The second substrate can include a plurality of projections and a plurality of intermediate regions and can be bonded to the first substrate with a discontinuous bond. Individual solid-state transducers can be disposed at least partially within corresponding intermediate regions and the discontinuous bond can include bonding material bonding the individual solid-state transducers to blind ends of corresponding intermediate regions. Associated methods and systems of discontinuous bonds for semiconductor devices are disclosed herein.

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