



- (51) **International Patent Classification:**
H01L 21/66 (2006.01) *G01R 1/073* (2006.01)

(21) **International Application Number:**
PCT/US2012/028869

(22) **International Filing Date:**
13 March 2012 (13.03.2012)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) **Priority Data:**
61/453,443 16 March 2011 (16.03.2011) US
13/418,532 13 March 2012 (13.03.2012) US

(71) **Applicant (for all designated States except US): FORM-FACTOR, INC.** [US/US]; FormFactor, Inc., 7005 South-Front Road, Livermore, California 94551 (US).

(72) **Inventor; and**

(75) **Inventor/Applicant (for US only): KANEKO, Susumu** [JP/JP]; Yokohama Business Park East Tower, 2F 134, Godo-cho, Hodogaya-ku, Yokohama-shi, Tokyo, Kanagawa 240-0005 (JP).

(74) **Agent: BURRSTON, N. Kenneth;** Kirton & McConkie, 60 East South Temple, Suite 1800, Salt Lake City, Utah 84111 (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, 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.

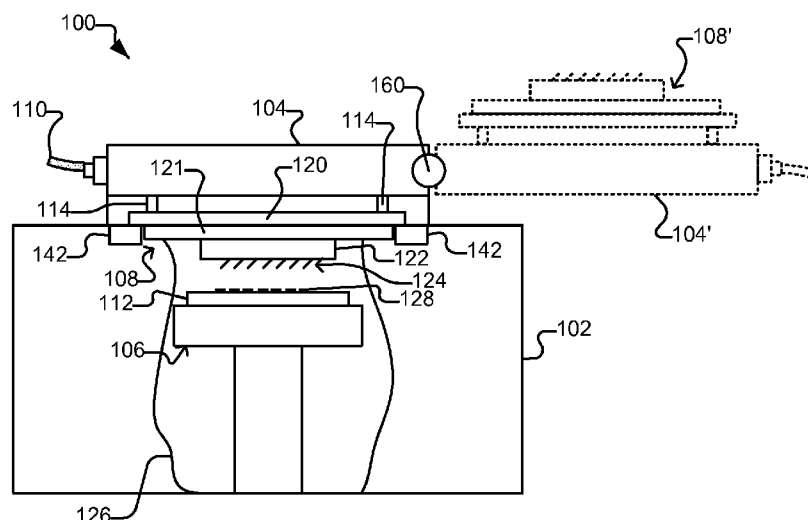
(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, 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:
— with international search report (Art. 21(3))

(88) **Date of publication of the international search report:**
14 March 2013

(54) Title: WIRELESS PROBE CARD VERIFICATION SYSTEM AND METHOD

Figure 1A



(S7) Abstract: A probe card assembly can include a wireless link to an external verifier (e.g., debugger). The wireless link can interface to a boundary scan interface of a controller on the probe card assembly. The wireless link can allow for verification of the probe card assembly while it is installed within a prober.