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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 February 2006 (23.02.2006)

PCT

(10) International Publication Number
WO 2006/020333 A1

(51) International Patent Classification[7]: H01L 21/00, B08B 3/12, 7/04

(21) International Application Number: PCT/US2005/025823

(22) International Filing Date: 22 July 2005 (22.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/918,757 12 August 2004 (12.08.2004) US

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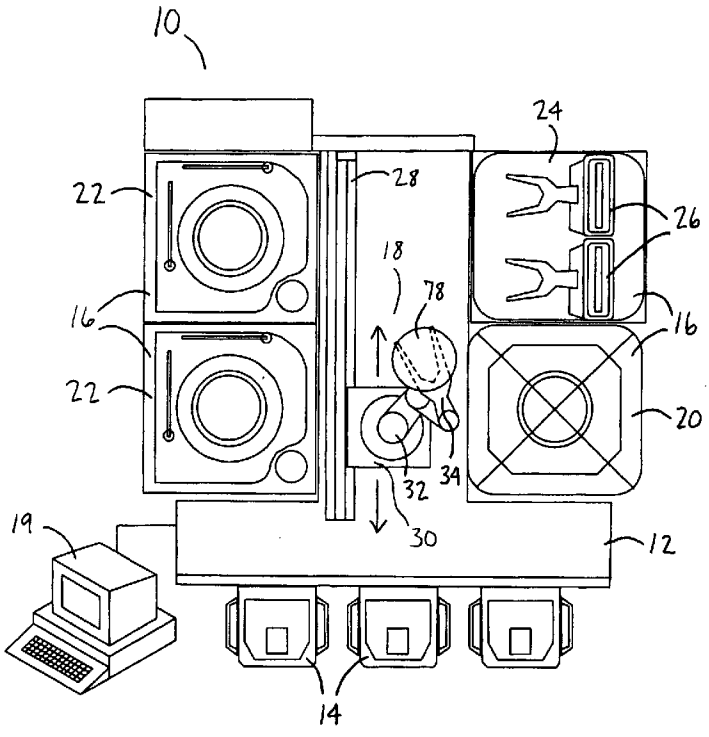
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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: A SEMICONDUCTOR SUBSTRATE PROCESSING APPARATUS AND METHOD THEREOF



(57) Abstract: According to one aspect of the invention, a semiconductor substrate processing apparatus and a method for processing semiconductor substrates are provided. The semiconductor substrate processing apparatus may include a semiconductor substrate support, a dispense head positioned over the semiconductor substrate support, a liquid container, and a transport subsystem. A semiconductor substrate may be placed on the semiconductor substrate support while a first semiconductor processing liquid is dispensed thereon. The wafer may also be spun by the semiconductor substrate support to remove the first semiconductor processing liquid. The transport subsystem may transport the semiconductor substrate to the liquid container where the semiconductor substrate may be immersed in a second semiconductor processing liquid. The semiconductor substrate may then be removed from the second semiconductor processing liquid while vapor is directed at a surface of the semiconductor substrate where the semiconductor substrate contacts a surface of the second semiconductor processing liquid.

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Published:
— *with international search report*

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