



(51) International Patent Classification:
B24B 21/00 (2006.01) *B24B 7/00* (2006.01)

(21) International Application Number:
PCT/US2009/041256

(22) International Filing Date:
21 April 2009 (21.04.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/046,453 21 April 2008 (21.04.2008) US

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[Continued on next page]

(54) Title: APPARATUS AND METHODS FOR USING A POLISHING TAPE CASSETTE

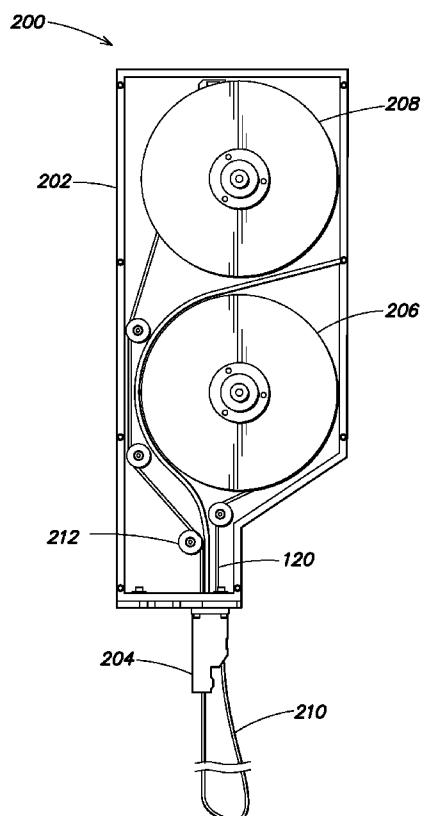


FIG. 2

(57) Abstract: Methods and apparatus are provided for housing a polishing tape adapted to polish a substrate. The invention includes a cassette comprising a body portion; and a head portion, wherein the head portion includes: a pair of guide walls; one or more supply rollers positioned between the guide walls in the head portion; and wherein the guide walls are adapted to guide a polishing tape housed in the body over the one or more supply rollers. Numerous other aspects are provided.



(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, 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))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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

4 March 2010

A. CLASSIFICATION OF SUBJECT MATTER***B24B 21/00(2006.01)i, B24B 7/00(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B24B 21/00; B24B 1/00; B24B 21/02; B24B 21/18; B24B 21/20; B24B 5/00; B24B 7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models since 1975.

Japanese utility models and applications for utility models since 1975.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: polishing, cassette, tape, roller

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5065548 A1 (SHIMIZU, TATSUO et al.) 19 November 1991	1-6
Y	See abstract, figure 1 and column 3, line 11 - column 4, line 28.	7-15
Y	US 2002-0098787 A1 (KUNISAWA, JUNJI et al.) 25 July 2002 See figures 3B, 3C, 6 and paragraphs [0009]-[0011].	7-15
Y	US 7179154 B1 (BOYD, JOHN M. et al.) 20 February 2007 See abstract, figure 2A, column 2, lines 38-49 and claim 1.	7-15
A	US 6309278 B1 (SUZUKI, KENJI et al.) 30 October 2001 See abstract, figure 1a and claim 1.	1-15
A	JP 2008-087136 A (EBARA CORP.) 17 April 2008 See abstract, and figures 1 and 6.	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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Date of the actual completion of the international search

12 JANUARY 2010 (12.01.2010)

Date of mailing of the international search report

12 JANUARY 2010 (12.01.2010)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

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Telephone No. 82-42-481-5452



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/041256

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