04-08-1999 **VER SHEET** FORM PTO-1595 (modified) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Υ To the Assistant Commissioner f ginal document(s) or copy(ies) thereof. 101006457 Name of conveying party(is _. ..ame and address of receiving party(ies): Hisanori MATSUO Name: EBARA CORPORATION Hirokuni HIYAMA Yutaka WADA Street Address: 11-1 Haneda Asahi-cho, Kazuto HIROKAWA Tokyo, Japan Additional name(s) of conveying party(ies) attached? No 3. Nature of conveyance: Assignment Merger X Security Agreement Change of Name Other Execution Date: March 17, 1999 Additional name(s) & address(es) attached? No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: March 17, 1999 Patent Application No.(s) B. Patent No.(s) 09/276148 Additional numbers attached? No 5. Name and address of party to whom correspondence

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41)......\$ 40.00

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Michael S. Huppert, Reg. No. 40,268 for Jeffrey Nolton, Reg. No. 25,408

concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.

Street Address: 2033 K Street, N.W., Suite 800

Internal Address: Attn: Mr. Jeffrey Nolton

Name of Person Signing

Muchal Huppert

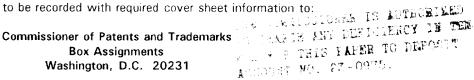
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PATENT **REEL: 9863 FRAME: 0279**

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
	Hisanori MATSUO, Hirokuni HIYAMA, Yutaka WADA
	and Kazuto HIROKAWA
Insert Name(s) of Inventor(s)	
	the undersigned hereby sell(s) and assign(s) to
Insert Name(s) of Assignee(s)	EBARA CORPORATION
Address	of 11-1 Haneda Asahi-cho, Ohta-ku, Tokyo, Japan
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
	POLISHING APPARATUS
Title of Invention	
Date of Signing	for which an application for patent in the United States has been executed by the undersigned on
of Application	March 17, 1999

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 9863 FRAME: 0280 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date March 17, 1999, Name of Inventor Aisanosi Matsur Date March 17, 1999, Name of Inventor Angular Warda Warda

Date March 17, 1999, Name of Inventor Ma Kazuto HIROKAWA Date ______, Name of Inventor ______ Date ______, Name of Inventor ______ (This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.) Witness Juichi Afai ACKNOWLEDGEMENT This ______ day of ______, 19____, before me personally came the above-named_____ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature SEAL Official Title The above application may be more particularly identified as follows: U.S. Application Serial No. _______Filing Date ______ Applicant Reference Number ______ Atty Docket No._____ Title of Invention _____

RECORDED: 03/25/1999

PATENT REEL: 9863 FRAME: 0281