01 - 31 - 2001 HEET FCRM PTO-1595 (modified) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 101600254 To the Honorable Assistant Secretary and Please record the attached original document(s) or copy(ies) thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Norio KIMURA Kazuo SHIMIZU Hideji ISOBE Hiroyuki OSAWA Name: EBARA CORPORATION Additional name(s) of conveying party(ies) attached? NO Street Address: 11-1 Haneda Asahi-cho 3. Nature of conveyance: Tokyo, Japan X Assignment Merger City: Country: Security Agreement Change of Name Additional name(s) & address(es) attached? NO Other Execution Date: January 5, 2001 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: January 5, 2001 A. Patent Application No.(s) B. Patent No.(s) NEW, filed January 17, 2001 , issued Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41). \$40.00 Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Nils E. Pedersen, Esq. X Enclosed (Check No. 41614 Authorized to be charged to deposit account Street Address: 2033 K Street, N.W., Suite 800 8. Deposit account number: 23-0975 City: Washington, State: DC ZIP: 20006 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. January 17, 2001 Michael S. Huppert, Reg. No. 40,268 Name of Person Signing Total number of pages including cover sheet: 3 OMB No. 0651-0011 (exp. 4/94) 02 FC; 581 40.60 07 Do not detach this portion THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEE FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975. Mail documents to be recorded with required cover sheet information:

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PATENT REEL: 011466 FRAME: 0668

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
	Norio KIMURA, Hideji ISOBE, Kazuo SHIMIZU and
	Hiroyuki OSAWA
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	
	for which an application for patent in the United States has been executed by the undersigned on
Date of Signing Application	January 5, 2001
	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.

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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).

January 5, 2001 , Name of Inventor January 5, 2001

Name of Inventor

Norio KIMURA

Mideji Isobe

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Kazuo Shimizu Date Date Date Hiroyuki OSAWA _____, Name of Inventor , 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 Lemichi Sasake ACKNOWLEDGMENT 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 No. ______Atty. Docket No. _____ Title of Invention

> PATENT REEL: 011466 FRAME: 0670

RECORDED: 01/17/2001