<u> </u>	07-25-2001		
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Fumitoshi OlKAWA and Koji ATOH		Name: EBARA CORPORATION	
Additional name(s) of conveying party(ies) attached? No		Street Address: 11-1, Haneda	Asahi-cho
3. Nature of conveyance:		Ohta-ku, Tokyo	
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Execution Date: June 28, 2001 4. Application number(s) or patent nu	imber(s):	002/8/1	1,
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If this document is being filed togeth	er with a new application		tion is: <u>June 28, 2001</u>
A. Patent Application No.(s)	1	B. Patent No.(s)	
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Name: <u>WENDEROTH, LIND & PONACK, L.L.P.</u>		7. Total fee (37 CFR 3.41)	\$ <u>40.00</u>
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Michael S. Huppert , Reg. No. 40,268 Name of Person Signing	Signature	July 13, 200 Date	1
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PATENT REEL: 011993 FRAME: 0304

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
	Fumitoshi OIKAWA and Koji ATOH
sert Name(s) Inventor(s)	
	the undersigned hereby sell(s) and assign(s) to
sert Namc(s) Assignee(s)	EBARA CORPORATION
ddress	of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo Japan
	(hereinaster 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
	SUBSTRATE CLEANING APPARATUS AND CLEANING MEMBER
itle of svention	
	for which an application for patent in the United States has been executed by the undersigned on
ate of Signing polication	June 28, 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 connec-

tion 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: 011993 FRAME: 0305

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 June 28, 2001, Name of Inventor Fundami Olkaun Fumitoshi OIKAW Date June 28, 2001 Name of Inventor Roji HTo Koji ATOH Date _____, Name of Inventor Date ______, Name of Inventor ______ 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 _ Kenichi Sasabe **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

RECORDED: 07/13/2001

PATENT REEL: 011993 FRAME: 0306