FORM PTO-1595 (modified)	 R	07-20-2	2000	IEET U.S. DEPARTMENT OF COMMERCE	
Total (10) (000 (included)				U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Assistant Secretary and or copy(les) thereof.		101409		Please record the attached original document(s)	
Name of conveying party(ies):			2. Name and	address of receiving party(ies):	
Koji ATOH			Name: EBA	RA CORPORATION	
Additional name(s) of conveying party(ies) attached? no 3. Nature of conveyance:			Street Address: 11-1, Haneda Asahi-cho, Gradus		
5. Nature of conveyance.			Tokyo, Jap	au (no)	
X Assignment Security Agreement	_ Merger _ Change of	Name	City: Co	untry:	
Other			Additional name(s	s) & address(es) attached? no	
4. Application number(s) or patent n					
A. Patent Application No.(s) NEW, filed July 6, 2000	Addit	ional numbers	n, the execution B. Patent No.(, issued s attached? <u>no</u>	•	
Name and address of party to wh concerning document should be r		ndence	6. Total numb One	er of applications and patents involved:	
Name: <u>WENDEROTH, LIND & PC</u> <u>Attn: Nils E. Pedersen, E</u>		<u>.</u>		17 CFR 3.41) \$40.00	
Street Address: 2033 K Street, 1	N.W., Suite 8	<u>800</u>	Authori	zed to be charged to deposit account	
City: Washington, State: DC ZIP: 20006			8. Deposit account number: 23-0975 (Attach duplicate copy of this page if paying by deposit account)		
		DO NOT USE T		are copy of this page if paying by deposit account)	
9. Statement and signature. To the best of my knowledge and bell original document. Nils E. Pedersen , Reg. No. 33,145 Name of Person Signing	/ 	ing information		Location of pages including sover sheet 2	
OMB No. 0651-0011 (exp. 4/94)			100	al number of pages including cover sheet: 3	
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time for reviewing the document and gat comments regarding this burden estimate	hering the data to the U.S. P	a needed, and alternation and Budget and Budget	completing and re emark Office, Off	ninutes per document to be recorded, including eviewing the sample cover sheet. Send fice of Information Systems, PK2-1000C, auction Project (0651-0011), Washington, D.C.	
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PATENT

REEL: 010922 FRAME: 0831

21. FRE F.

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
	Којі АТОН
nsert Name(s) of Inventor(s)	
	the undersigned hereby sell(s) and assign(s) to
nsert 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
Fitle of nvention	SUBSTRATE CLEANING APPARATUS
Date of Signing of Application	for which an application for patent in the United States has been executed by the undersigned on June 15, 2000

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: 010922 FRAME: 0832 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 15, 2000, Name of Inventor Kori ATOH Date _____, Name of Inventor _____ 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 _____ Kemichi Sasale

Witness ____ Yunohi Ukon ACKNOWLEDGEMENT This ______ day of ______, _____, 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: 07/06/2000

PATENT REEL: 010922 FRAME: 0833