FORM PTO-159" (modified) RECORDATION F PATEN	07-17-2003	S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Assistant Secretary and Commissioner of Pater	102499870	ched original document(s)
or copy(ies) thereof. 1. Name of conveying party(ies): You ISHII, Masayuki NAKANISHI and Kenro NAKAMURA	2. Name and address of receiving Name: EBARA CORPORATION 11-1, Haneda Asahi-on Tokyo, Japan	DN
Additional name(s) of conveying party(ies) attached? X	Name: KABUSHIKI KAISHA TOSHIBA 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan Additional name(s) & address(es) attached?	
4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 10/364,359 Additional number	B. Patent No.(s) , issued	ication is:
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications	and patents involved: 1
Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Michael S. Huppert , Esq.	7. Total fee (37 CFR 3.41)\$40.00 X Enclosed (Check No. 5654) Authorized to be charged to deposit account	
Street Address: 2033 K Street, N.W., Suite 800 City: Washington, State: DC ZIP: 20006-1021	8. Deposit account number: 2: (Attach duplicate copy of this page	<u>3-0975</u>
9. Statement and signature. To the best of my knowledge and belief, the foregoing information original document. Michael S. Huppert , Reg. No. 40,268 Name of Person Signing Signature	July 11, 2 Date	
OMB No. 0651-0011 (exp. 4/94)		
Mail documents to be recorded with required cover sheet information Commissioner and Assistant Sec Box Assistant	retary of Patents and Trademarks ignments D.C. 20231 average about 30 minutes per docume d completing and reviewing the samp ademark Office, Office of Information	ICIENCY IN THE R TO DEPOSIT To be recorded, including le cover sheet. Send Systems, PK2-1000C,
77/16/2003 ECOOPER 00000057 10364359 % FC:8021 40.00 DP		

PATENT REEL: 014264 FRAME: 0040

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

	You ISHII, Masayuki NAKANISHI and
nsert Name(s) of Inventor(s)	Kenro NAKAMURA
	the undersigned hereby sell(s) and assign(s) to 1) EBARA CORPORATION
nsert Name(s) of Assignee(s)	2) KABUSHIKI KAISHA TOSHIBA
Address	1) 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan of 2) 1-1, Shibaura 1-chome, Minato-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
	SUBSTRATE PROCESSING APPARATUS
itle of nvention	
	for which an application for patent in the United States has been executed by the undersigned on
Date of Signing	March 3, 2003

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). Date March 3, 2003, Name of Inventor John You ISHII Date March 3, 2003, Name of Inventor

Date March 3, 2003, Name of Inventor

Masayuki NAKANISHI

Kenro Nakamura

Kenro NAKAMURA 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 Witness Koyi Ono **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: Filing Date February 12, 2003 U.S. Application Serial No. 10/364,359 GEB1882-US _____Atty. Docket No. _____ Applicant Reference No.____

> PATENT REEL: 014264 FRAME: 0042

RECORDED: 07/11/2003

Title of Invention

SUBSTRATE PROCESSING APPARATUS