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To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks
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attached original document

1. Name of conveying party(ies):

Xinming WANG; Kenichi ABE; and
Koji MISHIMA

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: January 21, 2004

Name and address of receiving party(ies):

Name: EBARA CORPORATIONStreet Address: 11-1, Haneda Asahi-cho, Ohta-ku,
Tokyo 144-8510 Japan

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:

A. Patent Application No.(s)
10/482,117B. Patent No.(s)
, issued

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Michael S. Huppert, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). \$ 40.00☒ Enclosed (Check No. 62589)
Authorized to be charged to deposit account8. Deposit account number: 23-0975

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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.*Michael S. Huppert, Reg. No. 40,268
Name of Person Signing
SignatureJune 28, 2004
DateTotal number of pages including cover sheet: 3

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PATENT
REEL: 015512 FRAME: 0947

ASSIGNMENT

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

Insert Name(s)
of Inventor(s)

Xinming WANG, Kenichi ABE

and Koji MISHIMA

Insert Name(s)
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to

EBARA CORPORATION

Address

of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 Japan

Title of
Invention

(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 AND METHOD

Date of
Signing
of Application

for which an application for patent in the United States has been executed by the undersigned

on January 21, 2004

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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 January 21, 2004, Name of the Inventor Xinming Wang Xinming WANG
Date January 21, 2004, Name of the Inventor Abe Kenichi Kenichi ABE
Date January 21, 2004, Name of the Inventor Koji Mishima Koji MISHIMA
Date _____, Name of the Inventor _____
Date _____, Name of the Inventor _____
Date _____, Name of the Inventor _____
Date _____, Name of the 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 H. Ito
Witness Shy hei Shinoyuka

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named 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.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/482,117 Filing Date December 24, 2003
Applicant Reference Number GEB2037-US Atty Docket No. 2003-1873A
Title of Invention _____