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To the Honorable Assistant Secretary and
or copy(ies) thereof.

se record the attached original document(s)

1. Name of conveying party(ies):

Junji KUNISAWA
Mitsuko ODAGAKI
Natsuki MAKINO
Koji MISHIMA
Kenji NAKAMURA
Hiroaki INOUE
Norio KIMURATetsuo MATSUDA
Hisashi KANEKO
Nobuo HAYASAKA
Katsuya OKUMURA
Manabu TSUJIMURA
Toshiyuki MORITA

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

2. Name and address of receiving party(ies):

Name: (1) EBARA CORPORATION & (2) KABUSHIKI
KAISHA TOSHIBAStreet Address: (1) 11-1, Haneda Asahi-cho, Ohta-
ku, Tokyo, Japan & (2) 72, Horikawa-cho, Saiwai-ku,
Kawasaki-shi, Kanagawa-ken, Japan

City: Country:

Additional name(s) & address(es) attached? NO

3. Nature of conveyance:

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

Execution Date: March 1, 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:

A. Patent Application No.(s)
09/742,110, filed December 22, 2000

B. Patent No.(s)

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: Nils E. Pedersen, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). \$40.00

☒ Enclosed (Check No. _____)
Authorized to be charged to deposit account

8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

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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.*Nils E. Pedersen, Reg. No. 33,145
Name of Person Signing

Signature

August 2, 2001
Date

Total number of pages including cover sheet: 5

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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)

Junji KUNISAWA, Mitsuko ODAGAKI, Natsuki MAKINO,
Koji MISHIMA, Kenji NAKAMURA, Hiroaki INOUE, Norio KIMURA,
Tetsuo MATSUDA, Hisashi KANEKO, Nobuo HAYASAKA,
Katsuya OKUMURA, Manabu TSUJIMURA and Toshiyuki MORITA

Insert Name(s)
of Assignee(s)

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

1) EBARA CORPORATION and 2) KABUSHIKI KAISHA TOSHIBA

Address

1) 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan
of 2) 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, 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

APARATUS AND METHOD FOR PLATING SUBSTRATE

Title of
Invention

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

Date of Signing
Application

March 1, 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.

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 1, 2001	Name of Inventor	<u>Junji Kunisawa</u>	Junji KUNISAWA
Date	March 1, 2001	Name of Inventor	<u>Mitsuko Odagaki</u>	Mitsuko ODAGAKI
Date	March 1, 2001	Name of Inventor	<u>Natsuki Makino</u>	Natsuki MAKINO
Date	March 1, 2001	Name of Inventor	<u>Koji Mishima</u>	Koji MISHIMA
Date	March 1, 2001	Name of Inventor	<u>Kenji Nakamura</u>	Kenji NAKAMURA
Date	March 1, 2001	Name of Inventor	<u>Hiroaki Inoue</u>	Hiroaki INOUE

(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 Yoshiharu Sakaguchi

ACKNOWLEDGMENT

_____ } SS

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.

SEAL

Official Signature

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 _____

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 1, 2001	Name of Inventor	<u>Norio Kimura</u>	Norio KIMURA
Date	March 1, 2001	Name of Inventor	<u>Tetsuo Matsuda</u>	Tetsuo MATSUDA
Date	March 1, 2001	Name of Inventor	<u>Hisashi Kaneko</u>	Hisashi KANEKO
Date	March 1, 2001	Name of Inventor	<u>Nobuo Hayasaka</u>	Nobuo HAYASAKA
Date	March 1, 2001	Name of Inventor	<u>Katsuya Okumura</u>	Katsuya OKUMURA
Date	March 1, 2001	Name of Inventor	<u>Manabu Tsujimura</u>	Manabu TSUJIMURA

(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 Yoshiharu Sakaguchi

ACKNOWLEDGMENT

_____ } SS

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 1, 2001, Name of Inventor Toshiyuki Morita
Toshiyuki MORITA
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 Kenichi Sasabe

Witness Yoshiharu Sakaguchi

ACKNOWLEDGMENT

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U.S. Application Serial No. _____ Filing Date _____
Applicant Reference No. _____ Atty. Docket No. _____
Title of Invention _____
