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To the Honorable Assistant Secretary and
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1. Name of conveying party(ies):

(1) Hiroaki INOUE, (2) Kenji NAKAMURA, (3) Moriji
MATSUMOTO, (4) Hirokazu EZAWA, (5) Masahiro
MIYATA and (6) Manabu TSUJIMURAAdditional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other ☐Execution Date: (1)-(6) January 18, 2002

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

Name: (1) Ebara Corporation and (2) Kabushiki
Kaisha ToshibaStreet Address: (1) 11-1, Haneda Asahi-cho, Ohta-
ku; and (2) 1-1, Shibaura 1-chome, Minato-kuCity: (1) and (2) Tokyo Country: (1) and (2) JapanAdditional 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)
09/994,834, filed November 28, 2001

B. Patent No.(s)

Additional numbers attached? No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Michael R. Davis, 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. 48820)
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
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Name of Person SigningFebruary 11, 2002
DateTotal number of pages including cover sheet: 3

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Washington, D.C. 20231, and the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C.
20503.

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)

Hiroaki INOUE, Kenji NAKAMURA, Moriji MATSUMOTO, Hirokazu EZAWA, Masahiro MIYATA
and Manabu TSUJIMURA

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

Insert Name(s)
of Assignee(s)

(1) Ebara Corporation and (2) Kabushiki Kaisha Toshiba

Address

of (1) 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan and (2) 1-1, Shibaura 1-chome, Minato-ku, Tokyo,
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

ELECTROLESS Ni-B PLATING LIQUID, ELECTRONIC DEVICE AND METHOD FOR
MANUFACTURING THE SAME

Date of Signing
of Application

for which an application for patent in the United States has been executed by the undersigned
on January 18, 2002

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 recordal of this document.

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

Date January 18, 2002

Hiroaki Inoue

Hiroaki
INOUE

Date January 18, 2002

Kenji Nakamura

Kenji
NAKAMURA

Date January 18, 2002

Moriji Matsumoto

Moriji
MATSUMOTO

Date January 18, 2002

Hirokazu Ezawa

Hirokazu
EZAWA

Date January 18, 2002

Masahiro Miyata

Masahiro
MIYATA

Date January 18, 2002

Manabu Tsujimura

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 Keiichi Tohyama

Witness Maki Yamaji

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.

Official Signature

SEAL

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 09/994,834 Filing Date November 28, 2001

Applicant Reference Number GEB1636-US Atty Docket No. 01213/GEB1636-US 2001_1756A

Title of Invention ELECTROLESS Ni-B PLATING LIQUID, ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THE SAME