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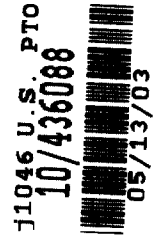
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1. Name of conveying party(ies):

Mitsunori KANEMOTO
Hiromi SUEDA
Koji TAKAMURA

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

NEC CORPORATION
7-1, Shiba 5-chome,
Minato-ku, Tokyo, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: May 8, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

10436088

If this document is being filed together with a new application, the execution date of the application is: May 8, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:

1

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

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Howard L. Bernstein for
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Reg. No. 25,665
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May 13, 2003

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PATENT
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Assignment

Whereas, I/We, MITSUNORI KANEMOTO, HIROMI SUEDA and KEIJI TAKAMURA of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
BONDING APPARATUS AND BONDING METHOD HAVING PROCESS FOR JUDGING BONDING STATE

and executed an application for Letters Patent of the United States of America therefor on
May 8, 2003; and

Whereas, NEC Corporation
7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: 5/8/2003

Mitsunori Kanemoto
s/ MITSUNORI KANEMOTO



Date: 5/8/2003

Hiromi Sueda
s/ HIROMI SUEDA



Date: 5/8/2003

Keiji Takamura
s/ KEIJI TAKAMURA



Witness:

Date: 5/8/2003

Masato Kimura
s/

Date: 5/8/2003

[Signature]

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)