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To the Honorable Director of the United States Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nobuaki TAKAHASHI
Yuji AKIMOTO
Mikio ODA
Hikaru KOUTA

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

NEC Electronics Corporation
1753 Shimonumabe
Nakahara-ku, Kawasaki
Kanagawa 211-8668
JAPAN

And

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

Additional name(s) & address(es)

☐ Yes ☒ No

22141 U.S.PTO
10/755983
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3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: January 5, 2004

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

If this document is being filed together with a new application, the execution date of the application is: January 5, 2004

Patent Application No.

Filing date

B. Patent No.(s)

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Additional numbers

☐ Yes ☒ No

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

Name: Norman P. Soloway

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State/Prov.: Arizona

Country: U.S.A.

ZIP: 85701

6. Total number of applications and patents involved:

1

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

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Norman P. Soloway

Name of Person Signing

Norman P. Soloway

Signature

January 13, 2004

Date

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PATENT
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ASSIGNMENT

(Foreign - in the United States of America)

I/we 1)Nobuaki TAKAHASHI 2)Yuji AKIMOTO 3)Mikio ODA 4)Hikaru KOUTA
of 1) c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku,
Kawasaki, Kanagawa 211-8668, Japan
2)-4) c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
having invented certain inventions and improvements in _____

WIRED BOARD WITH BUMP ELECTRODE AND METHOD OF FABRICATING THE SAME
and having executed an application for Letters Patent of the United States of America describing
the same and based thereon on January 5, 2004

(and I/we hereby authorize our attorneys, authorized to prosecute said application, to here insert
the filing date and serial number of said application, when known, Serial No. _____,
filed _____), for good and valuable consideration, the receipt of which is

hereby acknowledged from 1)NEC Electronics Corporation 2)NEC Corporation,
a Japanese corporation having its principal place of business at 1)1753 Shimonumabe,
Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan 2) 7-1, Shiba 5-chome,
Minato-ku, Tokyo, Japan (hereinafter called the Assignee),

do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my/our entire
right, title, and interest, in and to said invention in the United States of America, including all
rights, title and interest in the above-mentioned application and any divisional, continuing or
reissue application or applications and any patent which may be issued on the said invention in the
United states of America;

And for the same consideration I/we do agree that I/we will upon request execute any
instrument which the Assignee may desire to carry this Assignment into effect and perfect the title
transferred hereby or prosecute the above-mentioned application;

And I/we do hereby authorize and request the Commissioner of Patents and Trademarks
of the United States of America to issue Letters Patent on the said application to the Assignee;

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set our hands and seals on the day and year hereinafter noted.

First Inventor's

signature Nobuaki Takahashi Date January 5, 2004

Full name (typed or printed) Nobuaki TAKAHASHI

Witness: Nobuaki Takahashi Witness: [Signature]

Date: _____ Date: _____

Second Inventor's

signature Yuji Akimoto  Date January 5, 2004

Full name (typed or printed) Yuji AKIMOTO

Witness: Masato Kimura Witness: [Signature]

Date: _____ Date: _____

Third Inventor's

signature Mikio Oda  Date January 5, 2004

Full name (typed or printed) Mikio ODA

Witness: Masato Kimura Witness: [Signature]

Date: _____ Date: _____

Fourth Inventor's

signature Hikaru Kouta  Date January 5, 2004Full name (typed or printed) Hikaru KOUTAWitness: Masato Kimura Witness: [Signature]

Date: _____ Date: _____