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Masao ORIO

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

NEC ELECTRONICS CORPORATION

1753 Shimonumabe, Nakahara-ku,
Kawasaki, Kanagawa 211-8668,
JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: September 6, 2005

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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: September 6, 2005

A. Patent Application No.(s)

Unknown

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

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CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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PATENT
REEL: 017087 FRAME: 0979

Assignment

Whereas, I/We, Masao ORIO of
Kanagawa 211-8668, Japan

hereinafter called assignor(s), have invented certain improvements in
DECODING METHOD AND DEVICE

and executed an application for Letters Patent of the United States of America therefor on
September 6, 2005; and

Whereas,

NEC Electronics Corporation

1753 Shimonumabe, Nakahara-ku,

Kawasaki, Kanagawa 211-8668,

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 of the 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 application
number and filing date of said application when known.

Date: September 6, 2005 Masao Orio
s/ Masao ORIO



Date: _____

WITNESSES s/

Date: September 6, 2005 Hitoshi Ukeni
s/

Date: September 6, 2005 Hitoshi Ukeni
s/

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