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ACTION FORM COVER SHEET
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hiroshi ABE

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

NEC CORPORATION
7-1, Shiba 5-chome
Minato-ku, Tokyo, JapanJ1002 U.S. PTO
10/112703
04/02/02Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒
- Assignment
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- Change of Name
-
- ☐
- Other _____

Execution Date: March 27, 2002

Additional name(s) & address(es) attached? ☐ Yes ☒ 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: March 27, 2002

A. Patent Application No.(s)

B. Patent No.(s)

10/112703

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

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

- ☒
- Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.

J. Frank Osha

Reg. No. 24,625

April 2, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

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Box Assignment

Washington, D.C. 20231

04/09/2002 TDI A21 00000135 10112703

01 FC:581

40.00 DP

PATENT
REEL: 012759 FRAME: 0381

Assignment

Whereas, I/We, HIROSHI ABE of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
METHOD FOR LAYING OUT ELECTRONIC CIRCUIT AND PROGRAM THEREOF

and executed an application for Letters Patent of the United States of America therefor on
March 27, 2002; 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: 3/27/2002

Hiroshi Abe
s/ HIROSHI ABE

Date:

s/

Witness:

Date: 3/27/2002

Fumitake Watanabe
s/

Date: 3/27/2002

Hiroshi Abe
s/

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