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Docket No.: 08USFP1961-M.K.

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103537293

To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Naohiro KOBAYASHI

Additional names(s) of conveying party(ies)

☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): August 26, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**2. Name and address of receiving party(ies):**Name: NEC ELECTRONICS CORPORATIONAddress: 1753 Shimonumabe, Nakahara-kuCity: KawasakiState/Prov.: KanagawaCountry: Japan ZIP: 211-8668

Additional name(s) &amp; address(es)

☐ Yes ☒ No**4. Application or patent numbers(s):**

A. Patent Application No. (s)  
12/230,629

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Sean M. Ginn, Esq.Registration No.: 34,386

Address: McGinn Intellectual Property Law Group, PLLC  
8321 Old Courthouse Road

Suite 200City: ViennaState/Prov.: VACountry: USA ZIP: 22182-3817Phone Number: 703-761-4100Fax Number: 703-761-2375/2376Email Address: admin@mcginniplaw.com**6. Total number of applications and patents involved:** One**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

- a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 50-0481 (Deficiencies Only)  
Authorized User Name Sean M. McGinn, Esq.

**9. Signature:**

Signature

Sean M. McGinn, Esq.

Name of Person Signing

November 24, 2008

Date

11/25/2008 10:00:01 04000032 12238629

45 00:00:21

Total number of pages including cover sheet, attachments, and document: 48.00

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PATENT  
REEL: 021913 FRAME: 0501

## ASSIGNMENT OF APPLICATION FOR PATENT

### WHEREAS

NAME AND ADDRESS  
OF ASSIGNOR

Naohiro KOBAYASHI  
c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku,  
Kawasaki, Kanagawa 211-8668, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented  
and own a certain new and useful invention entitled:

TITLE OF INVENTION:

LAYOUT METHOD AND LAYOUT APPARATUS  
FOR SEMICONDUCTOR INTEGRATED CIRCUIT

### WHEREAS

FULL NAME AND ADDRESS  
OF ASSIGNEE

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

(hereinafter referred to as ASSIGNEE), is desirous of acquiring  
the entire right, title, and interest in, to and under said  
invention and the United States Letters Patent to be obtained  
therefor:

**NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be  
it known that in consideration of the payment of ASSIGNEE to  
ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of  
which is hereby acknowledged, and for other good and  
valuable consideration, ASSIGNOR, by these presents, hereby  
sells, assigns and transfers to ASSIGNEE the entire and  
exclusive right, title and interest to said invention and all  
Letters Patent of the United States to be obtained therefor on  
said application or any continuation, division, renewal,  
substitute or reissue thereof for the full term or terms for  
which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner  
of Patents and Trademarks to issue said Letters Patent of the  
United States Patent obtained therefor on said application or any  
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continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.


ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set  
hand and seal this 26<sup>th</sup> day of August, 2008.

SIGNATURE

By: Naohiro Kobayashi   
Naohiro KOBAYASHI

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

WITNESSES

Hajime Masuda



(Assignment of Application for Patent -- page 2 of 2)