

TM PTO-1585 (Modified)  
12-05)  
3 No. 0651-0027 (exp. 1/31/2009)  
A/REV05

U.S. PTO  
12/588202  
10/07/2009

10-16-2009



Docket No.: NE-71889US

EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

103577397

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

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

Hiroshi TSUDA  
Yoshitaka KUBOTA  
Hiromichi TAKAOKA

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

Name: NEC ELECTRONICS CORPORATION

Address: 1753 Shimonumabe, Nakahara-ku

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

**Nature of conveyance/Execution Date(s):**

Execution Date(s): September 14, 2009

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

City: Kawasaki-shi

State/Prov.: Kanagawa

Country: Japan ZIP: 211-8668

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

**Application or patent numbers(s):**

A. Patent Application No. (s)

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**Name and address to whom correspondence concerning document should be mailed:**

Name: Sean M. McGinn, Esq.

Registration No.: 34,386

Address: McGinn Intellectual Property Law Group, PLLC

21 Old Courthouse Road

Suite 200

City: Vienna

State/Prov.: Virginia

Country: U.S.A. ZIP: 22182-3817

Phone Number: 703-761-4100

Fax Number: 703-761-2375

Email 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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 50-0481 (deficiencies only)  
Authorized User Name Sean M. McGinn

Signature:

Signature

October 7, 2009

Date

Sean M. McGinn, Esq.

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

10/08/2009 FROMHAMME 00000022 12588202  
04 FC:0021

PATENT  
REEL: 023388 FRAME: 0787

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS  
OF ASSIGNOR

Hiroshi TSUDA, Yoshitaka KUBOTA and Hiromichi TAKAOKA  
all of Kanagawa, Japan

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

TITLE OF INVENTION:

SEMICONDUCTOR DEVICE

## WHEREAS

FULL NAME AND ADDRESS  
OF ASSIGNEE

NEC ELECTRONICS CORPORATION  
1753 Shimonumabe, Nakahara-ku, Kawasaki-shi,  
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  
(Assignment of Application for Patent -- page 1 of 2)

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 14th day of September, 2009.

SIGNATURE

By: Hiroshi Tsuda  Hiroshi TSUDA

SIGNATURE

By: Yoshitaka Kubota  Yoshitaka KUBOTA

SIGNATURE

By: Hiromichi Takaoka  Hiromichi TAKAOKA

SIGNATURE

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

WITNESSES

Masahiko Fujimura  
Shiro Matsuoka  
(Assignment of Application for Patent -- page 2 of 2)