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12/382833

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MB No. 0651-0027 (exp. 1/31/2009)  
08A/REV05

03/25/2009

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103555110

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):

Kenji KIMURA  
Masanori SATO

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

2. Nature of conveyance/Execution Date(s):

Execution Date(s): March 19, 2009

- 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 CORPORATION

Address: 1753 Shimonumabe, Nakahara-ku

City: Kawasaki

State/Prov.: Kanagawa

Country: JAPAN ZIP: 211-8668

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

4. 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

5. 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  
8321 Old Courthouse Road

Suite 200

City: Vienna

State/Prov.: Virginia

Country: USA ZIP: 22182-3817

Phone Number: (703) 761-4100

Fax Number: (703) 761-2375 or 76

Email Address:

6. Total number of applications and patents involved: 1

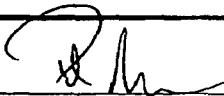
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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- 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, Esq.

9. Signature:

 #46,060

Signature

March 25, 2009  
Date

Sean M. McGinn, Esq.

Name of Person Signing

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

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03/26/2009 MAHRED1 00000012 12382833  
04 FC:8021

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PATENT  
REEL: 022489 FRAME: 0306

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS OF ASSIGNOR Kenji KIMURA and Masanori SATO of Kanagawa, Japan, respectively

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

TITLE OF INVENTION: SIGNAL OUTPUT CIRCUIT

## WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE NEC Electronics Corporation  
of 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  
(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 19th day of March, 2009.

SIGNATURE

By: Kenji Kimura   
Kenji KIMURA

SIGNATURE

By: Masanori Sato   
Masanori SATO

SIGNATURE

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

WITNESSES

Mr. Fuji  
Attest

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

# PATENTS ONLY

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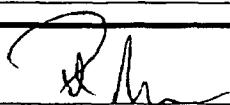
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