

05-04-2009

Docket No.: NEL-1175US

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103558854

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):

- 1) Tomoyuki IRAHA
- 2) Noriaki MATSUNO

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

. Nature of conveyance/Execution Date(s):

Execution Date(s): April 14, 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

. 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

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

Name: Sean M. McGinn, Esq.

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6. Total number of applications and patents involved:

1

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)

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

3. Signature:

Signature

April 21, 2009  
Date

Sean M. McGinn, Esq.

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 5

Documents to be recorded (including cover sheet) should be faxed to (570) 221-2000 or (703) 761-2375. Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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# ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS Tomoyuki IRAHA and Noriaki MATSUNO of Kanagawa,  
OF ASSIGNOR Japan, respectively

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

TITLE OF INVENTION: SIGNAL PROCESSING DEVICE HAVING A VARIABLE  
CURRENT SOURCE

WHEREAS

FULL NAME AND ADDRESS NEC Electronics Corporation  
OF ASSIGNEE 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  
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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 14<sup>th</sup> day of April, 2009.

SIGNATURE

By: Tomoyuki IKAHA  
Tomoyuki IKAHA

SIGNATURE

By: Noriaki MATSUNO  
Noriaki MATSUNO

SIGNATURE

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

WITNESSES

[Signature]  
[Signature]

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