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1. Name of conveying party(ies):

Atsushi SHIMATANI

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

. Nature of conveyance/Execution Date(s):

Execution Date(s): July 17, 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) attached?

☐ Yes ☒ No

. Application or patent numbers(s):

A. Patent Application No. (s)

12461162

☒ 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:

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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

Expiration Date

b. Deposit Account Number 50-0481 (deficiencies only)

Authorized User Name Sean M. McGinn

. Signature:

Signature

August 3, 2009

Date

Sean M. McGinn, Esq.

Name of Person Signing

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

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fee pd.

PATENT

REEL: 023077 FRAME: 0496

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

Atsushi SHIMATANI

**NAME AND ADDRESS
OF ASSIGNOR**

**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:

CLASS AB AMPLIFIER CIRCUIT AND DISPLAY APPARATUS

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
(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 17 day of July, 2009.

SIGNATURE

By: Atsushi Shimatani 
Atsushi SHIMATANI

SIGNATURE

By: _____

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By: _____

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By: _____

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By: _____

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By: _____

WITNESSES



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