

05-24-2006

Attorney Docket No. 8053-1048

Form PTO-1595



COVER SHEET

U.S. Department of Commerce  
U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):  
**Naoki MATSUURA**

2. Name and address of receiving party(ies)

Name: **NEC Electronics Corporation**Address: **1753 Shimonumabe  
Nakahara-ku, Kawasaki  
Kanagawa 211-8668, Japan**

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_Execution Date: **April 27, 2006**

Additional name(s) and address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application

A. Patent Application No(s).

**11/435754**

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No.: **00466****YOUNG & THOMPSON****Second Floor****745 South 23<sup>rd</sup> Street****Arlington, VA 22202****Phone: 703-521-2297****Fax: 703-685-0573**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41)..... **\$40.00**☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit Account No. **25-0120**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Benoît Castel**

Name of Person Signing

Signature

**May 18, 2006**

Date

Total number of pages including cover sheet, attachments, and documents: **2**

05/19/2006 CNGUYEN2 00000121 11435754

04 FC:8021

40.00 DP

Y&amp;T May 18, 2006

PATENT  
REEL: 017913 FRAME: 0275

## ASSIGNMENT

WHEREAS, NAOKI MATSUURA of Shiga, Japan

has invented certain new and useful improvements in TRENCH-TYPE VERTICAL SEMICONDUCTOR  
DEVICE HAVING GATE ELECTRODE BURIED IN ROUNDED HUMP OPENING

for which I am about to make application for Letters  
 (I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, NEC Electronics Corporation,

1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

is

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the  
 United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

One Dollars (\$ 1.00)

to me in hand paid, the receipt of which is hereby acknowledged the said ASSIGNOR

have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

ASSIGNEE,

\* the full and exclusive right, title, and interest in and to the said invention,

as fully set forth and described in the:

(a) specification prepared and executed by me on the 27-th day of April, 2006,

(b) application filed on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, Serial No. \_\_\_\_\_,

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be

held and enjoyed by the said ASSIGNEE,

for their own use and behoof, and for their legal representatives, to the full end of the term

for which said Letters Patent are granted, as fully and entirely as the same would have been held by

me had this assignment and sale not been made.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at

Shiga, Japan this 27-th day of April, A.D. 2006.

Naoki Matsuura

(Inventor's full Signature) NAOKI

MATSUURA

Witness:

Mitsushi Ukai  
MITOSHI UKAI

Akira Muto  
AKIRA MUTO

PATENT

RECORDED: 05/18/2006

REEL: 017913 FRAME: 0276