

08-19-2005



103064964

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

8-17-05

1. Name of Conveying Party(ies):
Ichiro YAMAMOTO

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
 Name: **NEC ELECTRONICS CORPORATION**
 Address: **1753 Shimonumabe, Nakahara-ku
 Kawasaki, Kanagawa 211-8668
 Japan**

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
 Execution Date: **August 8, 2005**

Additional name(s) and address(es) attached?
 Yes No

112963 U.S. PTO
11/205141



081705

4. Application number(s) or patent number(s):
 This document is being filed with a new application, the execution date of the application is: **August 8, 2005**

A. Patent Application No(s):
 08/18/2005 SDIRETA1 00000031 11205141
 04 FC:0021 (40.00 OP)

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 23rd 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 account

8. 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.

Benoit Castel *Benoit Castel* **August 17, 2005**
 Name of Person Signing Signature Date

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

ASSIGNMENT

WHEREAS,

Ichiro YAMAMOTO
of Kanagawa, Japan

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

SEMICONDUCTOR DEVICE

for which an application for a United States patent was executed currently herewith,

WHEREAS, NEC Electronics Corporation, whose address is, 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan, hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date August 8, 2005

Ichiro Yamamoto 
(signature) **Ichiro YAMAMOTO**

Date _____

(signature)

Date _____

(signature)

WITNESS(ES)

Date August 8, 2005

Mitsuki Ukami
(signature)

Date August 8, 2005

[Signature]
(signature)