

05-16-2006

Attorney Docket No. 8073-1039

Form PTO-1585



R SHEET

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

103238429

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

1. Name of Conveying Party(ies):
Hiroyuki TAKAHASHI
Hiroyuki MATSUBARA

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**112955 U.S. PTO
11/431505

051106

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: **April 5, 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).

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 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 11, 2006

Date

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

Y&T May 11, 2006

05/12/2006 HNGUYEN1 00000096 11431505

04 FC:8021

40.00 OP

PATENT
REEL: 017887 FRAME: 0045

ASSIGNMENT

WHEREAS,

Hiroyuki TAKAHASHI

Hiroyuki MATSUBARA

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

(a) for which an application for a United States patent was filed on

_____, Application No. _____,

(b) for which an application for a United States patent was executed on

April 5, 2006,

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 April 5, 2006,

Hiroyuki Takahashi
(signature) Hiroyuki TAKAHASHI

Date April 5, 2006,

Hiroyuki Matsubara
(signature) Hiroyuki MATSUBARA

Date _____,
WITNESSES ;

(signature)

Date April 5, 2006,

Mitsushi Ukeai
(signature)

Date April 5, 2006,

Atsushi Mito
(signature)

PATENT

RECORDED: 05/11/2006

REEL: 017887 FRAME: 0046