

03-29-1999



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attached original documents or copy

To the Hon. Commissioner of Pat
thereof.

MRD 3/10/99

JCS11 U.S. PTO
09/268994
03/16/99

<p>1. Name of conveying party(ies):</p> <p>Yasuji KOSHIKAWA, Tomoko NOBUTOKI and Kouji MINE</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: NEC CORPORATION</p> <p>Street Address: 7-1, Shiba 5-chome Minato-ku Tokyo, Japan</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: March 8, 1999</p>	

4. Application number(s) or patent (numbers):
If this document is being filed together with a new application, the execution date of the application is: March 8, 1999

<p>A. Patent Application No(s).</p>	<p>B. Patent No(s). 09/268994</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41).....\$ 40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account)</p>
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03/24/1999 JARTIS 00000011 09268994
9. Statement and signature.

02 FC:581 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.

Mary Shelton
Name of Person Signing

Mary Shelton
Signature

March 16, 1999
Date

Total number of pages including cover sheet: **[2]**

ASSIGNMENT

WHEREAS, YASUJI KOSHIKAWA, TOMOKO NOBUTOKI and KOUJI MINE
c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Jpan

have invented certain new and useful improvements in SEMICONDUCTOR MEMORY DEVICE
AND METHOD FOR RELIEVING DEFECTIVE MEMORY CELLS

for which we are 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 Corporation, 7-1, Shiba 5-chome,
Minato-ku, Tokyo, 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 us in hand paid, the receipt of which is hereby acknowledged the said ASSIGNORS
have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
ASSIGNEE, NEC Corporation

* the full and exclusive right, title, and interest in and to the said invention,
as fully set forth and described in the:

Delete
inapplicable
wording

(a) specification prepared and executed by us on the 8th day of March, 1999,
(b) application filed on the day of , 19, Serial No.

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and enjoyed by the said ASSIGNEE, NEC Corporation
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
us had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hands and affix our seals at
Tokyo, Japan this 8th day of March, A.D. 19 99

Yasuji KoshiKawa (Signature)
(Inventor's full Signature)
YASUJI KOSHIKAWA
Tomoko Nobutoki (Signature)
TOMOKO NOBUTOKI
Kouji Mine (Signature)
KOUJI MINE

Witness:

(Witness signatures)