

05-04-1999

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Name (line 1) Mineyuki Hori
Name (line 2)

Execution Date
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Second Party

Name (line 1) Hiroyuki Takahashi
Name (line 2)

Execution Date
Month Date Year
1 27 1999

Receiving Party () Mark if additional names of receiving parties attached

Name (line 1) NEC Corporation

Name (line 2)

Address (line 1) 7-1, Shiba 5-Chome

Address (line 2) Minato-ku

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PATENT
REEL: 9917 FRAME: 0844

Correspondent Name and Address

Area Code and Telephone Number **1-408-223-1445**Name **Darryl G. Walker**Address (line 1) **4064 Beebe Circle**Address (line 2) **San Jose, CA 95135**

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Patent Application Number(s)

Patent Number(s)

09/245,322

If this document is being filed together with a new Patent Application, enter the date the patent application was
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Month Day Year

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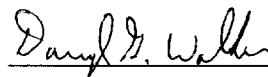
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Statement and Signature

*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. Charges to deposit account are authorized, as
indicated herein.***Darryl G. Walker**

Name of Person Signing



Signature

April 20, 1999

Date

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) in consideration of the sum of One Dollar (\$1.00) to us each in hand paid by the Assignee and other good and valuable consideration receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto

NEC Corporation

a corporation organized under the laws of the country of Japan, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Semiconductor Memory Device

described in an application for Letters Patent of the United States, identified as Attorney Docket No. N2600198, in the Offices of Darryl G. Walker, 4064 Beebe Circle, San Jose, CA 95135 and filed on February 5, 1999, as Application Serial No. 09/245,322, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.


We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Darryl G. Walker, agent for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.


We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

Mineyuki Hori 
Inventor's Signature

January 27, 1999
DATE

Mineyuki Hori
Inventor's Printed Name

Hiroyuki Takahashi 
Inventor's Signature

January 27, 1999
DATE

Hiroyuki Takahashi
Inventor's Printed Name

Witness:

