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Name (line 1) NEC Corporation Name (line 2) Address (line 1) 7-1, Shiba 5-chome, Minato-ku Address (line 2)	() If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic entaitive is attached. (Designation must be a separate document from Assignment.)			
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Name (line 1) NEC Corporation Name (line 2) Address (line 1) 7-1, Shiba 5-chome, Minato-ku Address (line 2) Address (line 3) Tokyo, city	() If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Japan State/Country Zip Code			
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Expires 06/30/99		Pag	Page 2		Patent and Trademark Office	
OMB 0651-0027		PATENT				
Corresponder	nt Name and Address	Area Code and	Telephone Number <u>1-408-289-5</u>	314		
Name	Darryl Walker					
Address (line 1)	Walker & Sako, LLP					
Address (line 2)	300 South First Street,	Suite 235				
Address (line 3)	San Jose, CA 95113					
Address (line 4)						
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Application N	Number(s) or Patent Nur	nber(s)	() Mark if a	dditional numbers	attached	
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	s being filed together with a <u>new</u> t named executing inventor.	Patent Application, ent	er the date the patent application wa	s Month	Day Year	
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Darryl Walke	r	Daml	V.	April 5	5, 2002	
Name of Perso		Signature		Date		

PATENT REEL: 012818 FRAME: 0861

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned in consideration of the sum of One Dollar (\$ 1.00) to me 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 state of Japan as Assignee, 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 Docket No. No. No. No. 100903800, in the Offices of Darryl Walker, 4064 Beebe C	lircle,
San Jose, CA 95135 and filed on	d the
invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for	r 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	d any
reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assigne	ee, its
successors, assigns and legal representatives, or to such nominees as it may designate.	

I agree that, when requested, I 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.

I 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 me.

I 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.

I hereby authorize Darryl 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.

I 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 I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

RECORDED: 04/15/2002

Mazunon Marda 12/21/2000
Inventor's Signature DATE

Kazunori Maeda
Inventor's Printed Name

Witnesses

PATENT REEL: 012818 FRAME: 0862