Form PTO -1619A Expires 06/30/99

OMB 0651-0027

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U.S. Department of Commerce

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Nama	(line 2)							3	8	2001
Name	(inte 2)							Exec	ution l	Date
Second								Month	Date	Year
Name	(line 1) Toru Ishikawa							3	8	2001
Name	(line 2)									
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PATENT

REEL: 011847 FRAME: 0467

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027		Pag	e 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Corresponder	nt Name and Address	Area Code and T	elephone Number <u>1-408-289-5.</u>	314			
Name	Darryl Walker						
Address (line 1)	Walker & Sako, LLP						
Address (line 2)	Suite 235						
Address (line 3) San Jose, CA 95113							
Address (line 4)							
Pages	Enter the total number of pag	ges of the attached co	nveyance document	 			
A	including any attachments.	L /- \		# 1			
Application N	lumber(s) or Patent Num	ber(s)	() Mark if a	dditional number	s attached		
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	09/813,684						
signed by the firs	s being filed together with a <u>new P</u> t named executing inventor. ration Treat (PCT)	atent Application, enter	r the date the patent application wa	s Month	Day Year		
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Darryl Walker		Da. 01	will	My. 9. 2001			
Name of Perso		Signature		Date			

PATENT REEL: 011847 FRAME: 0468

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

Witnesses

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 Storage Device

oed in an a	pplication	n for Lett	ers Pate	ent of the	United	States,	identified	as Doo	ket No.	N08266000, ir	the Offices of	of Walker	& Sako, LLP, 3	300 South
									on	3/20/01				
				,	and the	inventi	ion(s) and	improv	vement(s	s) set forth there	ein, and any a	nd all cor	ntinuations, conti	inuations-
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. I 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.														
	Street, 09/81; divisionathat may be	Street, Suite 09/813,684, divisionals, and rethat may be granted	Street, Suite 235, 09/813,684, divisionals, and renewals of that may be granted therefor	Street, Suite 235, San 09/813,684, divisionals, and renewals of and s that may be granted therefor in any	Street, Suite 235, San Jose, 09/813,684, divisionals, and renewals of and substitutes that may be granted therefor in any country, a	Street, Suite 235, San Jose, CA 09/813,684 , and the divisionals, and renewals of and substitutes for sai that may be granted therefor in any country, and any	Street, Suite 235, San Jose, CA 95113 09/813,684 , and the invented, divisionals, and renewals of and substitutes for said application that may be granted therefor in any country, and any reissues	Street, Suite 235, San Jose, CA 95113 and 09/813,684, and the invention(s) and divisionals, and renewals of and substitutes for said application for that may be granted therefor in any country, and any reissues, or reexa	Street, Suite 235, San Jose, CA 95113 and filed 09/813,684 , and the invention(s) and improved, divisionals, and renewals of and substitutes for said application for said Lethat may be granted therefor in any country, and any reissues, or reexamination	Street, Suite 235, San Jose, CA 95113 and filed on 09/813,684 , and the invention(s) and improvement(s, divisionals, and renewals of and substitutes for said application for said Letters Pathat may be granted therefor in any country, and any reissues, or reexaminations, or examinations.	Street, Suite 235, San Jose, CA 95113 and filed on 3/20/01 09/813,684 , and the invention(s) and improvement(s) set forth there, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said	Street, Suite 235, San Jose, CA 95113 and filed on 3/20/01 09/813,684 , and the invention(s) and improvement(s) set forth therein, and any a divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and pressures, or reexaminations, or extensions of said Letters Patent.	Street, Suite 235, San Jose, CA 95113 and filed on 3/20/01, as 09/813,684, and the invention(s) and improvement(s) set forth therein, and any and all corporation, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I requ	09/813, 684, and the invention(s) and improvement(s) set forth therein, and any and all continuations, cont, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and a

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.

Horra mota

_ Shire fujima	3/8/2001
Inventor's Signature	DATE
Shiro FUJIMA Inventor's Printed Name	
Tom John was Bignature	3/8/2001 DATE
Toru ISHIKAWA Inventor's Printed Name	

RECORDED: 05/29/2001

PATENT REEL: 011847 FRAME: 0469