FORM PTO-1595 (modified)	04-07-2003		U.S. DEPARTMENT OF COMMERCE	
(- ev 6-93)	04-07-2005	VER SHEET	Patent and Trademark Office	
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Al:ira YOSHINO				
03/	26/03	NEC Electronics Co 1753 Shimonumabe, Kawasaki, Kanagawa	Nakahara-ku	
Additional conveying party(ies) 3. Nature of conveyance: ASSIGN	NO			
Execution Date: 19 March	2003	Additional name(s) & address	(es) attached? NO	
4. Application number(s) or pa		Additional name(s) & address	(es) attached: 210	
If this is being filed together	r with a new application, the	execution date of the applicat	tion is: 19 March 2003	
A. Patent Application	Number(s):	B. Patent Number(s)	:	
	Additional numbe	rs attached? NO		
5. Name and address of party	· ·	6. Total number of application	ons/patents involved: 1	
concerning document should	d be mailed:	7. Total fee (37 C.F.R. § 3.4		
David A. Blument	hal		,	
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David A. Blumenth	12 1 11 11	Alterola	March 26, 2003	
Name of person signing	, 1	Signature	Date	
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		ncluding cover sheet, attachn	nents, and document: 3	
3/31/2003 HLE333 00000059 103964	73			
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name	ar	id
addro	c c	of

NEC Electronics Corporation

aaaress ot

1753 Shimonumabe, Nakahara-ku, Kawasaki,

Kanagawa 211-8668, Japan assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD OF

MANUFACTURING SAME

as set forth in this United States Patent Application

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		executed on			_
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in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

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Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention:

> PATENT REEL: 013915 FRAME: 0401

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS						
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Name:	Signature:	Date:				
NAMES AND SIGNATURES OF WITNESSES						
Name: Hitoshi UKAI	Signature: Ditesti Ukai	Date: March 19,				
Name: Akira MUTO	Signature: Signature:	Date: 2003				

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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