Form PTO-1595 RECORDATION FORM COVER SHEET PATENTS ONLY DEC 1 9 2000	01-02-2001 U.S. Departme Patents & Trad Attorney Docket Date: December 19, 2000	
To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof		
1. Name of conveying party(ies) Satoshi TORII Hideyuki KOJIMA Hiroshi MAWATARI Additional name(s) of conveying party(ies) attached? □ Yes ⊠ No	2. Name and address of receiving party(ies):	
3. Nature of conveyance: Assignment Images Security Agreement Images Other Images Execution Date: (1-2) September 8, 2000 and (3) September 12, 2000		
 4. If this document is being filed together with a new application, the exect A. Patent Application No. 09/689,714 Additional numbers attached? A 	B. Patent No.	
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arent Fox Kintner Plotkin & Kahn PLLC Street Address: 1050 Connecticut Avenue, N.W., Suite 600 Washington, D.C. 20036-5339 	 6. Total number of applications and patents involved: <u>One</u> 7. Total fee (37 CFR 3.41)\$ \$40.00 ☑ Included in attached check. ☐ Any additional fees are authorized to be charged to deposit account 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) 	
DO NOT USE THIS SPACE		
12/28/2000 DNGUYEN 000001E0 07007121	true and correct and any attached copy is a true	
01 EC. 5A1	PATENT REEL: 011372 FRAME: 0380	

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

Docket No:

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

Non-volatile Semiconductor Memory Device and Data Holding Method of the Same

for which application for Letters Patent of the United States was filed on <u>Detober 13, 2000</u>, and assigned Serial No. <u>09/698,714</u> (Arent Fox Kintner Plotkin & Kahn, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Satoshi TORII	Satoshi Torii (SIGNATURE)	<u>Sep. 8. 2000</u> (DATE)
Hideyuki KOJIMA	(SIGNATURE)	<u>Sep. 8. 2000</u> (DATE)
Hiroshi MAWATARI	Histophi Mawatane (SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
NO LEGALIZATION	REQUIRED	DATENT

RECORDED: 12/19/2000

PATENT REEL: 011372 FRAME: 0381