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mro 4-30-98				Docket No <u>1701.03960</u>	
•	100707; Daillet & V PATENT ASSIGNMENT RECOR	vitco	II, Ltd.	HEET o	
	nmissioner of Patents and Trademark, Box Assigned original documents or copy thereof.	znment	s, Washington, D.C. 20231.	854 854	
Name of conveying Ken TAKEUCHI Tomoharu TANAK.		2.	Name and address of receiving party Name: KABUSHIKI KAISHA TOS Internal Address:	R4	
Additional name(s)	of conveying party(ies) attached? Yes X No		Street Address: 72 Horikawa-cho, S	aiwai-ku	
	_ Merger hent _ Change of Name	-		y: Japan	
4. Application number	(s) or patent number(s): eing filed together with a new application, the execution No.(s)	ion date	Additional name(s) & address(es) at of the application is: April 24, 1998 Patent No.(s)		
11	Additional numbers at	tached:	_ Yes x_ No		
Name and address of document should be Name: Joseph M.		6.	Total number of applications and pa	atents involved:1_	
Internal Address: <u>Ba</u>	nner & Witcoff, Ltd. G Street, N.W., 11th Floor	7.	7. Total fees (37 CFR 3.41): \$_40.00 X Enclosed (Charge or credit any difference to deposit account) Authorized to be charged to deposit account		
City: Washington	State: <u>D.C.</u> Zip: <u>20001-4597</u>	8.	Deposit account number: 19-0733 (Attach duplicate copy of this page	if paying by deposit account)	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	654 DO NOT US	E THIS	SPACE		
9. Statement and signa To the best of my k	nowledge and belief, the foregoing information is tr	_			
Joseph M. Pote Name of Perso	enza Reg. No. 28,175 n Signing for Joseph	rall 106	Henza, Rey. No. 28, 13 Data number of pages including cover si	il 30, 1998 te heet, attachments and document:3	

05/07/1998 4 FC:581

ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome. Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

NONVOLATILE SEMICONDUCTOR MEMORY DEVICE

said application having been filed on and assigned Serial No. ; sell and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, having a business address at 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- xecuted concurrently herewith;
- ___executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications: and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597

PATENT REEL: 9148 FRAME: 0984

ASSIGNMENT

Inventor:	(Signature)	<u>Date</u>	Residence	
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Ken Takeud				
	Jambon -	Tamba APR 24.	1998 Yokohama-s	thi Tonon
Tomoharu T			Tokondila-s	пі, Јарап
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