Atty Docket No.: 205188US-2S JUL 2 6 2001	U.S. DEPARTMENT OF COMME Patent and Trademark C D1795222	
To the Honorable Commissioner of Patents and Trademarks. Ple		
1. Name of conveying party(ies): Toyota MORIMOTO	2. Name and address of receiving party(ies):	
	Name: KABUSHIKI KAISHA TOSHIBA	
	Address: 72 Horikawa-cho, Saiwai-ku, Kawasaki-sh	
Additional name(s) of conveying party(ies) attached? □Yes ■N	JAPAN	
3. Nature of Conveyance:		
 ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other 		
Execution Date: June 27, 2001	Additional name(s) and address(es) attached? □Yes ■N	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, t	he execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
09/816,478		
Additional numbers a		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
	 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 	
22850	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature		
To the best of my knowledge and belief, the foregoing inform	ation is true and correct and any attached copy is a true co	
of the original document.		
Marvin J. Spivak	A. Mafetta Jr. July 26, 2001	
Name of Person Signing	Signature Date Joseph A. Scafetta, Jr.	
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PATENT REEL: 012016 FRAME: 0716

ASSIGNMENT

In consideration of value received, I, having a mailing 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:

HORIZONTAL TYPE FEROELECTRIC MEMORY AND MANUFACTURING METHOD OF THE SAME

said application having been filed on March 26, 2001
and assigned Application No. 09/816,478 :
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)

 \times executed 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.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

> PATENT REEL: 012016 FRAME: 0717

Inventor: (Signature)	Date	Residence
Toyota Morimoto	JUN. 27. 2001	Sagamihara-shi, Japan
oyőta Morimoto		
	<u> </u>	
ECORDING OFFICER:	rn to:	

Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

RECORDED: 07/26/2001