04-24-2001

ORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

	101684370 to the Honorable Commissioner of Pate	and Tradenative	ease record the attache	ed original documents or copy thereof.	
1.	Name of conveying party(ies):	E 30 8 111	23. Name and address	of receiving party(ies):	
	Kazuo Nakazato	R 2 1 2001 &			
Ad	ditional name(s) of conveying party(ies atta	R 2 1 2001 \$ 3.	Name: Internal Address:	-	
3.	Nature of conveyance:	MIG	Street Address:	Lower Cookham Road Maidenhead, Berkshire SL6 8YA,	
	☑ Assignment☑ Merg☑ Security Agreement☑ Char	ger nge of Name	Additional name(s) &	United Kingdom address(es) attached? □Yes ⊠No	
	□ Other				
Ex	ecution Date: February 12, 2001				
4. Application number(s) or patent number(s); 09/732,012					
	If this document is being filed together with a new application, the execution date of the application is:				
	A. Patent Application No.(s)		B. Patent No.(s)		
Additional countries are also a Vac M No.					
Additional numbers attached: □ Yes ⊠ No					
5. Name and address of party to whom correspondence concerning document should be			6. Total number of applications and patents involved: 1		
ma	mailed:		7. Total fee (37 CFR 3.41)\$40.00		
	John C. Altmiller Kenyon & Kenyon		□ Enclosed		
	1500 K Street, N.W., Suite 700 Washington, D.C. 20005		Authorized to be charged to deposit account		
			8. Deposit account number:		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
	David J. Zibelli (Reg. No. 36,394) Name of Person Signing Name of Person Signing Name of Person Signing				
Total number of pages comprising cover sheet: 1					
OMB No. 0651-0011 (exp. 4/94)					
1941					

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PATENT REEL: 011696 FRAME: 0606

ASSIGNMENT

WHEREAS, WE/I,

Kazuo **NAKAZATO**287A Hills Road
Cambridge, CB2 2RP
England

have made new and useful improvements in an invention entitled **Memory Device**, the specification of which was filed at the United States Patent and Trademark Office on 8 December 2000, Serial Number 09/732 012; and

WHEREAS, HITACHI EUROPE, LTD. a British Company of Whitebrook Park, Lower Cookham Road, Maidenhead, Berkshire SL6 8YA, United Kingdom (hereinafter called "Assignee,") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, in consideration of the equivalent of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

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- 2. Authorize Assignee to file patent applications in the United States of America for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise, as Assignee may deem advisable, under the International Convention or otherwise.
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.
- 5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing

PATENT REEL: 011696 FRAME: 0608 the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12 day of February, 2000?

Name: Kazuo NAKAZATO

WITNESSED BY:

48 ROOKERY PLACE

FENSTANTON: PE28 9LZ Address

> **PATENT REEL: 011696 FRAME: 0609**

RECORDED: 03/21/2001