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N	1 y	(D 12.6.99		Attorney Docket No. 104867
		To the Assistant Commissioner for Patents: Please re	ecord the a	ttached original document or copy thereof.
1. /	Α.	Name of conveying party(ies):	2. A.	Name and address of receiving party(ies):
		Yoshitaka SASAKI		TDK CORPORATION 13-1, NIHONBASHI 1-CHOME CHUO-KU, TOKYO JAPAN
E	3.	Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No		jc490 U
3. A	A.	Nature of conveyance:	В.	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Ď	Ø	Assignment		
(Security Agreement Change of Name		
(Other		
E	В.	Execution Date: 10/8/99	09	K55319
4.	Α.	If this document is being filed together with a new appl	lication, th	e execution date of the application is: 10/8/99
E	В.	Patent Application No.(s)	C.	Patent No.(s)
		Additional numbers atta	ched?] Yes ⊠ No
		ne and address of party to whom correspondence terning document should be mailed:	6. Tota	al number of applications and patents involved: 1
	Nai	me: James A. Oliff	7. A.	Total fee (37 CFR 3.41)\$40.00
			В.	Enclosed (Check No. <u>104769</u>)
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320		dit any overpayment or charge any underpayment to osit account number 15-0461.
7	To th	ement and signature. the best of my knowledge and belief, the foregoing information or in the comment of the comment of the comment.	ution is tru	e and correct and any attached copy is a true copy of
J	ame	es A. Oliff, Registration No. 27,075 mas J. Pardini Registration No. 30,411		Date: December 6, 1999
•		-	cluding co	over sheet, attachments, and document: 2
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PATENT REEL: 010445 FRAME: 0120

		ASSIGNMENT	f :			
		(1) Yoshitaka SASAKI (5)				
(1-8)	Insert	(2)				
	Name(s) of Inventor(s)	(3)(7)				
		(4)				
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration p to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and sover to				
(9)	Insert Name of Assignee	(9) TDK Corporation				
(10)	Insert Address of Assignee	(10) 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, Japan				
		(hereinaster designated as the Assignee) and Assignee's heirs, successors, assigns and legal representative the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert	(11) THIN FILM MAGNETIC HEAD AND METHOD OF MANUFACTURING	SAME			
	Identification such as Title, Case					
	Number, or Foreign Application Number	(Attorney Docket No. 104867				
		for which the undersigned has (have) executed an application for patent in the United States of America				
		on even date herewith or				
(12)	Insert Date of Signing of Application	(12) on <u>October 8, 1999</u>				
(13)	Alternative	(13) U.S. application Serial Number				
	Identification for filed applications	filed December 6, 1999				
	1) Each undersigned agre	ees to execute all papers necessary in connection with any application and any continuing, divisional or				
applica any app	applications for the inventions and patents as the Assi 2) Each undersigned agre- plication or continuation or	on, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such signee may deem necessary. The sets to execute all papers necessary in connection with any interference which may be declared concerning division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate which may be declared to cooperate which may be decla				
	3) Each undersigned agre-	e in obtaining evidence and going forward with such interference. Les to execute all papers and documents and perform any act which may be necessary in connection with				
claims	or provisions of the Internat	tional Convention for Protection of Industrial Property or similar agreements.				
reexam	ination a grant of a valid Un	nited States patent to the Assignee.				
	g from said application(s) to	norizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the				
		I that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this his heirs, successors, assigns and legal representatives.				
	6) Each undersigned here	by grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further by or desirable in order to comply with the rules of the United States Patent and Trademark Office for				
	tion of this document.	y of destrable in order to comply with the fales of the office states falent and frademark office for				
	In witness whereof, execu	uted by the undersigned on the date(s) opposite the undersigned name(s).				
Date	10/8/9	19 Inventor Signature Joshitaka Sasaki (SEAL)				
Date		Yoshitaka SASAKI	ı			
		Inventor Signature (SEAL)				
Date		Inventor Signature (SEAL)	ı			
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Date		Inventor Signature (SEAL) Inventor Signature (SEAL) Inventor Signature (SEAL)				
Date Date		Inventor Signature (SEAL) Inventor Signature (SEAL) Inventor Signature (SEAL)				

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Inventor Signature _

Inventor Signature

Date

Date

RECORDED: 12/06/1999

Date 10/8/1999 Witness Yakari Histinuwa
Witness Szumi Hato

PATENT REEL: 010445 FRAME: 0121