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Attorney Docket No.

104169



To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof. 2. A. Name and address of receiving party(ies): Name of conveying party(ies): Takahiro YAMAMOTO TDK CORPORATION Noboru YAMANAKA 1-13-1, Nihonbashi Ken-ichi TAKANO Chuo-ku, Tokyo, 103-8272 JAPAN Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No Nature of conveyance: Additional name(s) & address(es) attached? A. ☐Yes ⋈ No Assignment Merger 図 Change of Name Security Agreement Other ____ Execution Date: August 19, 1999 If this document is being filed together with a new application, the execution date of the application is: August 19, 1999 Patent Application No.(s) C. Patent No.(s) 288936 Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff 7. Total fee (37 CFR 3.41).....\$ 40.00 B. Enclosed (Check No. 102734) OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to Address: P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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. Comosh andle Date: James A. Oliff, Registration No. 27,075 Thomas J. Pardini, Registration No. 30,411 Total number of pages including cover sheet, attachments, and document: 00000005 09388936 0/1999 HTHAI1

> PATENT REEL: 010217 FRAME: 0826

ASSIGNMENT

		(1)	lakaniro Yamam	<u>oto</u> (5)		
(1-8)	Insert	(2)	Noboru Yamanak	a(6)		
	Name(s) of Inventor(s)	(3)	Ken-ichi Takan			
	or inventor(s)					
		(4)		(8)		
		to each	h of the undersigned, the under	one dollar (\$1.00) and other good and value of signed agree(s) to assign, and hereby do	valuable consideration paid oes assign, transfer and set	
(9)	Insert Name of Assignee	(9)	TDK Corporation	25		
(10)	Insert Address of				2 0272 7	
	Assignee	(10)	1-13-1, NIHOHOAS	hi, Chuo-ku, Tokyo, 10	3-8272, Japan	
		Ameri and all all Let	(hereinafter designated as the Assignee) 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 MAGN	NETIC HEAD AND METH	OD OF	
	Identification such as Title, Case		MANUFACTURING	SAME		
	Number, or Foreign Application Number (Attorney Docket No.					
			ich the undersigned has (have) in date herewith or	executed an application for patent in the	e United States of America	
(12)	Insert Date of Signing of Application	(12)	onAugust 19, 1	999		
(13)	Alternative Identification for	(13)	U.S. application Serial Number	er		
	filed applications	filed	September 2,	1999		
any app the Ass claims of reexami States r full righ conflict identification	dication or continuation or dignee in every way possible 3) The undersigned agree (or provisions of the Internation 4) The undersigned agree (ination a grant of a valid Union 5) The undersigned hereby esulting from said application at to convey the entire interest to convey the entire interest (in the entire interest). 6) The undersigned hereby	s) to exectivision the in obtainity to exectional Converse to perfect the states on (s) to the control to the c	ute all papers necessary in com- ereof, or any patent or reissue a ing evidence and going forward- ing evidence and documents a vention for Protection of Industorm all affirmative acts which is a patent to the Assignee. e(s) and request(s) the Commise e said Assignee, as Assignee of assigned, and that he has (they the firm of OLIFF & BERRIDGI	nection with any interference which matapplication based thereon, for the inventowith such interference. Indicate any act which may be necessarial Property or similar agreements. In any be necessary to obtain, maintain or sioner of Patents to issue any and all Lefthe entire interest, and hereby covenant have) not executed, and will not execute. E. PLC the power to insert on this assignment the rules of the United States Patent and	tion, and to cooperate with sary in connection with confirm by reissue or etters Patents of the United that the has (they have) e, any agreements in	
	In witness whereof every	علم بدها المعاد	a undousinged on the detects	opposite the undersigned name(s).		
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Date	this / (/ 1)	9	Name of Inventor	Takahi ro Xamamoto	(SEAL)	
Date	Aug/19/19	9	Name of Inventor	Noboru Yamayaka		
Date	Any / 19 / 199		Name of Inventor	Ken-ichi Takano Ken-ichi Takano	(SEAL)	
Date			Name of Inventor		(SEAL)	
Date			Name of Inventor		(SEAL)	
Date			Name of Inventor		(SEAL)	
Date			Name of Inventor		(SEAL)	
Date						
	er, then it should be signed i		east two witnesses who also sig	•		
Date	Aug./14/9	7	Witness	Yakari Histomura Ozumi Hato	9	
Date	Hug. / 17/ 19	7	Witness	Vzumi Hato		

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