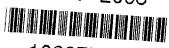
FORM PTO-1595

09-07-2005



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please Percentage d original documents or copy thereof.

		p)	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Katsuki KURIHARA	Name: TDK Corporation		
Taro OIKE Hiraku HIRABAYASHI	Address: 1-13-1 Nihonbashi, Chuo-ku	1.S. 1 472	
Norikazu OTA	Tokyo 103-8272	24 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No.	Japan	298	
3. Nature of Conveyance:		1 = 1	
■ Assignment			
☐ Security Agreement ☐ Change of Name			
☐ Other			
Execution Date: August 18, 2005	Additional name(s) and address(es) attached?	Yes No	
4. Application number(s) or patent number(s):			
This document is being filed together with a new application			
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers attack	ned? 🔲 Yes 📕 No		
5. Name and address of party to whom correspondence	6. Total applications and patents involved: 1		
concerning document should be mailed:	o. Total applications and patents involved.		
Customer Number	7. Total fee (37 CFR 3.41): \$40.00		
22850	Enclosed		
Tel. (703) 413-3000	Authorized to be charged to deposit a	ccount	
Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account number: 15-0030	ount)	
DO NOT USE T	HIS SPACE		
9. Statement and signature			
To the best of my knowledge and belief, the foregoing information	n is true and correct and any attached cony is a tri	ue	
copy of the original document.	74 74000		
Marvin J. Spivak	Smm// Grilland 8-31-0:	5	
Name of Person Signing C. Irvin	WcClelland Date		
Registration Number: 24,913 Registration	Number 21,124		
Total number of pages including	g this cover sheet: 3		
Do not detach t	nis portion		
Mail documents to be recorded with required cover sheet information	n to:		
Director of the United States Pa	tent and Trademark Office		
Mail Stop Assignment R	ecordation Services		

Alexandria, Virginia. 22313

09/02/2005 SDEHBOB1 00000001 11214725

05 FC:8021

40.00 OP

PATENT REEL: 016941 FRAME: 0564

Assignment of Application

INSERT NAMES	WHEREAS, I (WE) (1) Katsuki KURIHARA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,			
AND RESIDENCE ADDRESS OF	103-8272, Japan			
THE INVENTORS:	(2) Taro OIKE of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan			
	(3) Hiraku HIRABAYASHI of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,			
	103-8272, Japan			
	(4) Norikazu OTA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272,			
	Japan			
	, respectivel			
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: THIN-FILM MAGNETIC HEAD WITH			
	HEATER FOR ADJUSTING MAGNETIC SPACING			
INSERT DATE INVENTORS SIGNED DECLARATION:	For which an application for Letters Patent was executed on August 18, 2005			
	(Application No, filed), and			
	(
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS, TDK Corporation			
	(hereinafter referred to as "ASSIGNEE") having places of business at: 1-13-1, Nihonbashi, Chuo-ku, Tokyo			
	103-8272, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to an			
	Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all			
	foreign countries;			

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	August 18, 2005	Katsuki Kurihara
		(Signature of Inventor) (1) Katsuki KURIHARA
Date:	August 18, 2005	(Signature of Inventor) (2) Taro OIKE
		(Signature of Inventor) (2) Taro OIKE Hiraku Hirabayashi
Date:	August 18, 2005	(Signature of Inventor) (3) Hiraku HIRABAYASHI
Date:	August 18, 2005	Norikazy Ota
		(Signature of Inventor) (4) Norikazu OTA
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

10/01

RECORDED: 08/31/2005

PATENT REEL: 016941 FRAME: 0566