	01-19-2000	U.S DEPARTMENT OF COMME Patent and Trademark C
To the Honorable Commissioner of Patents and Trader.	101245860	uments or copy thereof.
1. Name of conveying party(ies): Motohiko SHIMA, Hiroshi KANEDA, Makaoshi OKAMURA, Akio MOMOI and Kenji HASHIZUME Additional name(s) of conveying party(ies) attached? □Yes ■No. 3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name	Name: TDK CORPORA Address: 13-1, Nihonbash	
□ Other Execution Date: November 5, 1999	Additional name(s) and addre	ss(es) attached? □Yes ■1
 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s) 09/439,095 	B. Patent No.(s)	on is: N/A
Additional numbers a 5. Name and address of party to whom correspondence	6. Total applications and pater	nts involved: 1
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE	THIS SPACE	
9. Statement and signature To the best of my knowledge and belief, the foregoing informat of the original document. C. Irvin McClelland Name of Person Signing Registration Number: 21,124 Total number of pages including this	Signature nder Sachar ation No. 34,423	attached copy is a true co Date
Do not detach Mail documents to be recorded with required cover sheet informs Commissioner of Pater Box Assig Washington, /2000 DCDATES 00000057 09439095 1581	ation to: nts and Trademarks nments	

PATENT REEL: 010487 FRAME: 0800

Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE) Motohiko SHIMA, Hiroshi Kaneda, Masatoshi			
	OKAMURA, Akio MOMOI and Kenji HASHIZUME of c/o TDK Corporation			
ERT NAMES D RESIDENCE DRESSES OF E INVENTORS:	13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, Japan			
	, respectively,			
SERT TITLE	have invented certain new and useful improvements in: TAPE CASSETTE			
SERT DATE IN- INTORS SIGNED ICLARATION:	for which an application for Letters Patent was executed on November 5, 1999			
	(Application No09/439,095, filedNovember 12, 1999), and			
SERT NAME OD ADDRESS OF OMPANY OR THER ASSIGNEE:	WHEREAS,TDK CORPORATION			
HER ASSIGNEE:	(hereinafter referred to as "ASSIGNEE") having a place of business at: 13-1, Nihonbashi			
	1-chome, Chuo-ku, Tokyo, Japan,			
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any 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.

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Page 2 of 2

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.

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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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:_	November 5, 1999	motohibe shima
		(Signature of Inventor) Motohiko SHIMA
Date:_	November 5, 1999	Hirohi Huneda
		(Signature of Inventor) Hiroshi KANEDA
Date:_	November 5, 1999	Masatogli Okamura (Signature of Inventor) Masatogli Okamura
		Masacosiii Okamoka
Date:_	November 5, 1999	Okio Momou (Signature of Inventor) Akio MOMOI
		AKIO MOMOI
Date:_	November 5, 1999	Kenji Hushigume (Signature of Inventor) Kenji HASHIZUME
Date:_		(Signature of Inventor)
Date:		(Signature of Inventor)
_		
Date:_		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

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RECORDED: 01/10/2000

PATENT
' REEL: 010487 FRAME: 0802