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Washington, D.C. 20231										
		04104/01	Attorney Docket No. 109687							
To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.										
1.	A.	Name of conveying parties: Shigeki SATO Yoshihiro TERADA Yoshinori FUJIKAWA	2. A. Name and address of receiving party: TDK CORPORATION 1-13-1, NIHONBASHI, CHUO-KU, TOKYO, 103-8272, JAPAN							
	B.	Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No								
3.	Α.	Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐ Yes ☑ No							
	\boxtimes	Assignment								
		Security Agreement								
		Other								
	B.	Execution Date: May 30, 2001	09/857413							
4.	A.	If this document is being filed together with a new application, the execution date of the application is: May 30, 2001								
	B.	Patent Application No.(s)	C. Patent No.(s)							
Additional numbers attached? Yes No										
5.		ne and address of party to whom correspondence cerning document should be mailed:	6. Total number of applications and patents involved: 1							
	Na	me: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00							
			B. Enclosed (Check No. <u>119585</u>)							
	Ad	ldress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any underpayment to deposit account number 15-0461.							
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9,	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									
	James A. Oliff Registration No. 27,075 Thomas J. Pardini Registration No. 30,411									
Total number of pages including cover sheet, attachments, and document: 2										

			ASSIGNMENT	•			
		(1)	Chicalei CAMO				
(1-8)	Insert Name(s) of Inventor(s)	(2)	1 11 1				
		(3)	Yoshinori FUJIKAWA				
	`,	(4)					
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee Insert Address of Assignee	(9)	TDK Corporation				
(10)		(10)	1-13-1, Nihonbashi,	Chuo-ku, Tok	yo, 103-8272,		
/ !! \	Insert	the er inven divisi reissu	Japan nafter designated as the Assignee) and tire right, title and interest for the Unition, and in all applications for patent onal, continuation, substitute, and reises and reexamination certificates that MANUFACTURE METHOD OF	ited States of America including any and all ssue application(s), an may be granted on th	a as defined in 35 U.S.C provisional, non-provis d all Letters Patent, ext e invention known as	C. §100, in the sional, tensions,	
(11)	patent in the United St						
(12)	Insert Date of Signing of Application		on May 30, 2001				
(13)	Alternative	(13)	U.S. application Serial Number				
	Identification for filed applications	filed	June 4, 2001				
applical any app the Ass claims of reexam resultin entire in assignm identifi	applications for the inventications and patents as the Assi 2) Each undersigned agreeolication or continuation or coignee in every way possible 3) Each undersigned agreeor provisions of the Internat 4) Each undersigned agreeination a grant of a valid Unstitution and provisions of the Internat 5) Each undersigned author of the Internation and Interest herein assigned, and the Internation on him and heach is binding on him and heach undersigned here	on, and an gnee may es to executivision to in obtained to executional Content of the said that he had beirs, by grants	oute all papers necessary in connection thereof, or any patent or reissue applicating evidence and going forward withoute all papers and documents and persection for Protection of Industrial Porm all affirmative acts which may be	to execute separate as in with any interference ation based thereon, if such interference. If orm any act which may be necessary to obtain, its to issue any and all interest, and covenants any agreements in contatives.	e which may be declare or the invention, and to hay be necessary in conficements. maintain or confirm by Letters Patents of the Uthat he has full right to nflict herewith, and agrant this assignment any further than the second that he has full right to nflict herewith, and agrant this assignment any further than the second that the has full right to nflict herewith, and agrant this assignment any further than the hassignment any further than the second tha	n with such ed concerning cooperate with nection with reissue or Jnited States convey the rees that this	
. ccorda	In witness whereof, execu		he undersigned on the date(s) oppos				
Date	May 30.	200	Inventor Signature Inventor Signature Inventor Signature	Strigek)	Suto	(SEAL)	
Date	May 30.	200/	Inventor Signature	y. Ju	ada	(SEAL)	
Date	May . 30 .	200	Inventor Signature	Yoshinari	Fujikawa	(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

Inventor Signature

Inventor Signature

Inventor Signature

Date May 30. 200/ Witness Kaori Maguniya

Witness Ferrit Wille

RECORDED: 06/04/2001

Date

Date

Date

Date

Date

PATENT REEL: 011966 FRAME: 0308