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Director of the U.S. Patent and Trademark Office **Box Assignments**

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J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Washington, D.C. 20231 <u>11</u>0937 Attorney Docket No. 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: Name and address of receiving party: Masaru WASAKI **TDK CORPORATION** Yoshihiro SAITOH 1-13-1, NIHONBASHI, CHUO-KU, TOKYO, 103-8272, JAPAN Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: Additional name(s) & address(es) attached? ☐Yes ⊠ No Assignment Merger Change of Name Security Agreement Other _ Execution Date: October 17, 2001 If this document is being filed together with a new application, the execution date of the application is: October 17, 2001 Patent No.(s) _____ Patent Application No.(s) ____ B. Total number of applications and patents involved: $\underline{1}$ Name and address of party to whom correspondence concerning document should be mailed: Total fee (37 CFR 3.41).....\$ 40.00 Name: James A. Oliff Enclosed (Check No. 124130) Credit any overpayment or charge any underpayment to OLIFF & BERRIDGE, PLC deposit account number 15-0461. Address: P.O. Box 19928 Alexandria, VA 22320 00000059 09982944 0/29/2001 TDIAZ1 40.00 OP 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. Date: October 22, 2001 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)	Masaru WASAKI (5)	
(1-8)	Insert	(2)	Yoshihiro SAITOH (6)	
	Name(s) of Inventor(s)	(3)	(7)	
		(4)	(8)	
		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	(9)	TDK Corporation	
(10)	Insert Address of Assignee	(10)	1-13-1, Nihonbashi, Chuo-k	u, Tokyo, 103-8272, Japan
(11)	Insert Identification			
	such as Title, Case			
Number, or Foreign Application Number (Attorney Docket No. 110937)
	for which the undersigned has (have) executed an application for patent in the United			
on even date herewith or				
(12)	Insert Date of Signing of Application	(12)	on October 17, 2001	
(13)	Alternative	(13)	U.S. application Serial Number	
(13)	Identification for	` `		
	filed applications	filed	October 22, 2001 cute all papers necessary in connection with any	
applicate any app the Ass claims reexam resultin entire i assignm	tions and patents as the Assign 2) Each undersigned agree dication or continuation or dignee in every way possible 3) Each undersigned agree or provisions of the Internati 4) Each undersigned agree ination a grant of a valid Un 5) Each undersigned author g from said application(s) to interest herein assigned, and interest herein assigned herein cation that may be necessary	gnee ma is to exe ivision to in obtain is to exe onal Co es to per ited Stat orizes ar to the said that he hais heirs, by grant y or desi	hereof, or any patent or reissue application based ting evidence and going forward with such interfect all papers and documents and perform any a nevention for Protection of Industrial Property or form all affirmative acts which may be necessary es patent to the Assignee. I descript the Commissioner of Patents to issue a Assignee, as Assignee of the entire interest, and as not executed, and will not execute, any agreed successors, assigns and legal representatives. In the firm of OLIFF & BERRIDGE, PLC the power rable in order to comply with the rules of the Universe	interference which may be declared concerning of thereon, for the invention, and to cooperate with ference. In this increase with the invention of the united similar agreements. It to obtain, maintain or confirm by reissue or any and all Letters Patents of the United States of covenants that he has full right to convey the ments in conflict herewith, and agrees that this to insert on this assignment any further ited States Patent and Trademark Office for
			the undersigned on the date(s) opposite the un	and Masaki (SEAL)
Date	October 17,		Inventor Signature // // // // // // // // // // // // //	ihiro Seitoh (SEAL)
Date	October 17,			(SEAL)
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Date				(SEAL)
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Date				(SEAL)
Date				(SEAL)
Date			Inventor Signature	the U.S.A. (b) a U.S. Consul if outside the U.S.A.
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: Date October 17, 2001 Witness Zeibs August Aug				
Date			Witness <u>fun</u>	· his Alia
Date	October 17,	200	Witness	

RECORDED: 10/22/2001

PATENT REEL: 012286 FRAME: 0098