Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

10-22-2007

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

103454883

		Attorney Docket No. 134353								
Please record the attached original document or copy thereof.										
1.	A. Name of conveying party(ies):	2. A. Name and address of receiving party(ies):								
	(1) Tomonaga NISHIKAWA (2) Tomokazu ITO (3) Makoto YOSHIDA (4) Hiroshi KAMIYAMA	TDK CORPORATION 1-13-1, NIHONBASHI, CHUO-KU TOKYO, 103-8272, JAPAN								
	B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No									
3.	A. Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐Yes ☑ No								
	✓ Assignment									
	☐ Security Agreement ☐ Change of Name									
	Other									
	B. Execution Date: (1) September 20, 2007 (2) September 25, 2007 (3) September 19, 2007 (4) September 28, 2007									
4.	1. This document is being filed together with a new application.									
	A. Patent Application No.(s)	B. Patent No.(s)								
	Additional numbers at	ached? ☐ Yes ☒ No								
	C. Title of Application: COIL COMPONENT									
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1								
	Name: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00								
	Name. James 71. One.	B. Enclosed (Check No. <u>198049</u>)								
	Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.								
		00000								
9	Statement and signature. To the best of my knowledge and belief, the foregoing info the original document.	rmation is true and correct and any attached copy is a tritle copy of								
	James A. Oliff Registration No. 27,025 Linda M. Saltiel Registration No. 51,122 Total number of pag	es including cover sheet, attachments, and document: 2								

PATENT REEL: 020013 FRAME: 0079

		(1)	Tomonag	;a NISHI	IKAWA	(5)		
(1-8)	Insert	(2)	Tomokaz	u ITO		. ,		
(1-0)	Name(s) of Inventor(s)	(3)	Makoto	YOSHID	$\overline{\mathbf{A}}$			
	or mivemor(s)	(4)	Hiroshi I	KAMIYA	MA			
		In				0) and other g	ood and valuable considerations assign, transfer and set of	ion paid to each
(9)	Insert Name of Assignee				, eas 10 along.	,		
(10)	Insert Address of	(9)	TDK Corp		shi Ch	110-ku	Tokyo, 103-8272	Tanan
,	Assignee	(10)		TITIOIDE:		uo-ku,	10ky0, 103-0212	,, Japan
		entire ri in all ap substitut	ght, title and inter plications for pate	est for the Unit ent including a plication(s), an	ted States of a ny and all pro d all Letters l	America as de ovisional, non-	ssors, assigns and legal repre- fined in 35 U.S.C. §100, in 1 provisional, divisional, cont- ons, reissues and reexaminat	the invention, an inuation,
(11)	Insert	(11)	COIL CO	MPONEN	IT			
	Identification such as Title, Case Number, or Foreign Application Number	- (Attorn	ey Docket No.	134353	3			
	Application Number	•	-	has (have) ex	cuted an apr	lication for pa	tent in the United States of	America on even
			ewith or			_		
12)	Insert Date of Signing of	(12)	on.					
	Application	(12)						
13)	Alternative	(13) \	J.S. application S	erial Number				
	Identification for filed applications	filed	Octo	ber 15,	2007			
	 Each undersigned agrees to ions for the invention, and any p 	execute al atent(s) is:	Il papers necessar uing thereon, and	y in connection l also to execut	n with any ap e separate as	plication and a signments in c	any continuing, divisional or onnection with such applicat	reissue tions and patents
	ssignee may deem necessary. 2) Each undersigned agrees to	execute a	Il papers necessar	y in connectior	n with any int	terference whi	ch may be declared concerni	ng any
	ion or continuation or division to ay possible in obtaining evidence	hereof, or a	my patent or reiss	ue application	based thereo:	n, for the inve	ntion, and to cooperate with	the Assignee in
•	3) Each undersigned agrees to	execute a	Il papers and docu	ments and per	form any act	which may be	necessary in connection wit	h claims or
	ns of the International Conventi 4) Each undersigned agrees to	perform a	Il affirmative acts	u Property or s which may be	necessary to	obtain, maint	ain or confirm by reissue or	reexamination a
	a valid United States patent to t 5) Each undersigned authoriz	es and rem	ests the Commiss	sioner of Paterr	ts to issue an	y and all Lette	rs Patents of the United State	es resulting from
aid app	lication(s) to the said Assignee, he has not executed, and will no	ac Assione	e of the entire into	erest and cover	nants that he	has full right t	o convey the entire interest h	nerein assigned,
uccesso	ors, assigns and legal representat 6) Each undersigned hereby g							
nay be i	6) Each undersigned hereby g necessary or desirable in order to	comply v	ith the rules of th	e United States	Patent and	Frademark Of	fice for recordation of this do	ocument.
	In witness whereof, executed	I by the w	idersigned on th	e date(s) oppo	site the und	ersigned nan	ne(s).	
ate	Sep 20, 200	_		or Signature	\sim	onaga	Nishikawa	(SEAL)
)ate	Sep 25 200	>	Invento	r Signature	Ton	ofar	J-12	(SEAL)
)ate	Sep. 19 2001		Invento	or Signature	Mak	coto	roshida	(SEAL)
	Sep. 28. 2007		— Invento	or Signature	Diso	shi p	Comigania	(SEAL)
ate	949 0 , 200 j		Invento	or Signature				(SEAL)
)ate			— Invento	or Signature				(SEAL)
)ate				or Signature				(SEAL)
)ate				or Signature				(SEAL)
Date	This assignment should prefer	ahly he sic	med before: (a) a	Notary Public	if within the	U.S.A. (b) a U	S. Consul if outside the U.S.	A. If neither,
hen it s	This assignment should prefer hould be signed before at least t	wo witness	es who also sign l	here:				
Date				Witness				
D 4-				Witness				

ASSIGNMENT

PATENT REEL: 020013 FRAME: 0080

RECORDED: 10/15/2007