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Ale	xandria, VA 22313-1450	A						
		Attorney Docket No. 136346	4					
Please record the attached original document or copy thereof.								
1.	A. Name of conveying parties:	2. A. Name and address of receiving party:						
<u> </u>	 Tomoaki NONAKA Hiroshi SASAKI Tsutomu ODASHIMA Tetsuo TAKAISHI Takahiro HARADA 	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						
	☐ Security Agreement ☐ Change of Name		ļ					
	Other							
	B. Execution Date: <u>(1) - (5) December 24, 2007</u>							
4.	This document is being filed together with a new applications.	ation.	٦					
	A. Patent Application No.(s)	B. Patent No.(s)						
	Additional numbers atta	ached? 🔲 Yes 🗵 No	İ					
C. Title of Application: PRODUCTION METHOD OF DIELECTRIC CERAMIC COMPOSITION AND PRODUCTION METHOD OF ELECTRONIC DEVICE								
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						
		B. Enclosed (Check No. 203717)						
	Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.						
			,					
9.	Statement and signature. To the best of my knowledge and belief the foregoing inform the original document.	33/21/2883 FJATAL 8688843 12876423 nation is true and correct and any attached copy is a true copy of) (1)					
	James A. Oliff Registration No. 27,075 Jesse O. Collier Registration No. 53,839 Total number of pages including cover sheet, attachments, and document: 2							

PATENT REEL: 020698 FRAME: 0640

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		(1)	Tomoaki NONAKA	(5)	Takahiro HARADA			
(1-8)	Insert	(2)	Hiroshi SASAKI	(6)				
	Name(s) of Inventor(s)	(3)	Tsutomu ODASHIMA	(7)				
		(4)	Tetsuo TAKAISHI	(8)				
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over						
(9)	Insert Name of Assignee	(9)	TDK Corporation					
(10)	Insert Address of Assignee	(10)	1-13-1, Nihonbashi, Chuo-ku, To					
	rangare	` ,			rs, successors, assigns and legal repres	entatives the		
		entire in all intern	right, title and interest for the United applications for patent including any	States of Ameri and all provisio reissue applicati	ica as defined in 35 U.S.C. §100, in the nal, non-provisional, divisional, continon(s), and all Letters Patent, extension	e invention, and nuation,		
(11)	Insert Identification	(11)	PRODUCTION METHO	D OF DIE	LECTRIC CERAMIC COMP	OSITION		
	such as Title, Case		AND PRODUCTION M	ETHOD OF	ELECTRONIC DEVICE			
	Number, or Foreign Application Number	(Atto	rney Docket No. 136346					
				uted an applicati	ion for patent in the United States of A	merica on even		
		date h	erewith or					
(12)	Insert Date of Signing of	(12)						
	Application	on		·····				
(13)	Alternative	(13)	U.S. application Serial Numbe	r				
	Identification for filed applications	filed	March 18, 200	08				
application of the Unite entire into binding of	on or continuation or division to a possible in obtaining evidence 3) Each undersigned agrees is of the International Convention 4) Each undersigned agrees of a valid United States patent to 5) Each undersigned authored States resulting from said appearest herein assigned, and that on him and his heirs, successors of Each undersigned hereby accessary or desirable in order to	hereof, the and go to execution for F to perform the Assizes and phication the has many grants to complete the transport of transport of the transport of	or any patent or reissue application being forward with such interference. It all papers and documents and per rotection of Industrial Property or simm all affirmative acts which may be signee. I requests the Commissioner of the Units to the said Assignee, as Assignee of executed, and will not execute, and so and legal representatives. The firm of OLIFF & BERRIDGE, PL. by with the rules of the United States	form any act which agreements and Trace of the entire introduced in the power to in Patent and Trace of the power to in Patent and Trace of the power to in Patent and Trace of the power to in Patent and Trace	tain, maintain or confirm by reissue or rademark Office to issue any and all L erest, and covenants that he has full ri conflict herewith, and agrees that this asert on this assignment any further ide emark Office for recordation of this de-	the Assignee in ith claims or r reexamination etters Patents of ght to convey the assignment is entification that		
	•	-	e undersigned on the date(s) oppo		- ,	(CT A.T.)		
Date	24. Dec. 200'	*****	Inventor Signature Inventor Signature	Tom	4	(SEAL) (SEAL)		
Date	zt Dec. 200		Inventor Signature Inventor Signature	Truto		(SEAL)		
Date	24. Pec. 200		Inventor Signature	Tetsu		(SEAL)		
Date Date	24. Pec. 200				hiro Harada			
Date	7,766,200			•		(SEAL)		
Date			Inventor Signature					
			Inventor Signature			(SEAL)		
Date	This assignment should reafe	rahly be		f within the U.S.	A. (b) a U.S. Consul if outside the U.S			
then it sh	nould be signed before at least t		esses who also sign here:		_			
Date	25. Dec. 200	7	Witness _	Havo	w Saguchi i Kapaga			
Date	25. Dec. 2007		Witness	Mitsug	i Kagaya			

PATENT REEL: 020698 FRAME: 0641

ASSIGNMENT

		(1)	Tomoaki NONA	KA	(5)	_Taka	hiro HARADA	
(1-8)	Insert	(2)	Hiroshi SASAKI		(6)			
	Name(s) of Inventor(s)	(3)	Tsutomu ODAS	НІМА	(7)			
		(4)	Tetsuo TAKAIS	ні	(8)			
		each of					other good and valuable reby does assign, transfe	
(9)	Insert Name of Assignee	(9)	TDK Corporatio	_				
(10)	Insert Address of Assignee	(10)			Tokyo, 103-8272	Japan		
		entire ri in all a internat	ight, title and inter oplications for pate	est for the Uni ent including a n, substitute a	ted States of Amer my and all provision nd reissue applicat	ica as de onal, non ion(s), a	essors, assigns and legal fined in 35 U.S.C. §100 -provisional, divisional, nd all Letters Patent, ext own as	, in the invention, and continuation,
(11)	Insert Identification	(11)	PRODUCT	ION METH	OD OF DIE	LECTI	RIC CERAMIC O	OMPOSITION
	such as Title, Case		AND PRO	DUCTION	METHOD OF	ELEX	CIRONIC DEVIC	E
	Number, or Foreign Application Number	(Attorr	nev Docket No.	13634	6			
		`	•	has (have) ex	recuted an applicat	ion for p	atent in the United State	s of America on even
		date he	rewith or	` ,	••	•		
(12)	Insert Date of Signing of	(12)						
		on on						
	Application							
(13)	Alternative Identification for	(13)	U.S. application	on Serial Num	iber			
	filed applications	filed	March	18, 2	008			
provision a grant of the Unit entire in binding	2) Each undersigned agrees ion or continuation or division to ay possible in obtaining evidents of the International Convent of Each undersigned agrees of a valid United States patent to Each undersigned authorited States resulting from said apterest herein assigned, and that on him and his heirs, successor 6) Each undersigned hereby necessary or desirable in order to witness whereof, execute	thereof, or ce and goi to execut ion for Pri to perform of the Assi rizes and ri pplications, he has no s, assigns y grants the to comply	any patent or reising forward with steal papers and do ottection of Industrian all affirmative a gnee. equests the Commist to the said Assignment of Assignment of OLIFF are with the rules of the said Assignment of OLIFF are with the rules of the said Assignment of OLIFF are with the rules of the said Assignment of OLIFF are with the rules of the said Assignment of OLIFF are with the rules of the said Assignment of OLIFF are with the rules of the said Assignment of the said Ass	sue application che interference cuments and pial Property of cts which may issioner of the gnee, as Assign Il not execute, tatives. BERRIDGE, 1 he United Stat	n based thereon, for the perform any act what is similar agreement to be necessary to of U.S. Patent and There of the entire in any agreements in PLC the power to ites Patent and Trace	r the inv nich may is. otain, ma rademar terest, an conflict nsert on lemark (ention, and to cooperate be necessary in connect aintain or confirm by reis k Office to issue any and d covenants that he has herewith, and agrees the this assignment any furt office for recordation of	with the Assignee in ion with claims or sue or reexamination d all Letters Patents of full right to convey that this assignment is her identification that
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then it s	This assignment should prefe should be signed before at least	rably be s two witne	igned before: (a) a sses who also sign	Notary Publi here:				
Date	25. Dec. 200	7		Witness	Har	w_	Saguchi Spaga	
Date	25. Dec. 2007			Witness	. <u>Mitsu</u> g	i K	agaya	

RECORDED: 03/18/2008

PATENT REEL: 020698 FRAME: 0642