502748107 04/01/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tomohiro ARASHI	03/26/2014
Osamu TAGUCHI	03/26/2014
Tomoaki KAWATA	03/26/2014

RECEIVING PARTY DATA

Name:	TDK Corporation	
Street Address: 3-9-1 Shibaura, Minato-ku		
City:	Tokyo	
State/Country:	Japan	
Postal Code:	108-0023	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14242015

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	161140
NAME OF SUBMITTER:	CATHERINE JONES
SIGNATURE:	/Catherine Jones/
DATE SIGNED:	04/01/2014

Total Attachments: 2

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PATENT REEL: 032572 FRAME: 0212

502748107

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Tomoniro AKASHI	(2	2) Osamii TAGUCHI	
(1-8)	Legal Name(s)	(3)	Tomoakí KAWATA	(4	.)	
	of Inventor(s)	(5)		(6	3)	
		(7)		(8	3)	
		(9)		(1	0)	
(9)					ration paid to each of the undersigned, the receipt and hereby does assign, transfer and set over to	
(10)	Insert Address of Assignee	(10)	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023, JAPAN			
(11)	for the United States of Amer provisional, non-provisional, reissues and reexamination co Insert Identification	ica as del divisiona	fined in 35 U.S.C. §100, in t I, continuation, international that may be granted on the	the invention, and in I, substitute and reis invention known as	legal representatives, the entire right, title and interest all applications for patent including any and all issue application(s), and all Letters Patent, extensions, DIELECTRIC CERAMIC, ELECTRONIC	
	such as Title, Case Number, or Foreign		DEVICE, AND COMMUNICATION DEVICE			
	Application Number	(Attor	nev Docket 161	4.40	440M4444	
		No.	. 101	140), filed on even date herewith or as	
(12)	Alternative		U.S. Application	14/242,		

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignce in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	March 26, 2014	Inventor Signature	Temohiro ARASHI	(SEAL)
Date	March 26, 2014	Inventor Signature	Osamu TAGUCHI	(SEAL)
Date	March 26.2014	Inventor Signature	Tomoaki KAWATA	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date	This assignment should preferably be	Inventor Signature signed before: (a) a No	tary Public if within the U.S.A. (b) a U.S. Consu	(SEAL)
	S.A. If neither, then it should be signed. March 26, 2014			
Date	March 26, 2014	Witness	Ryohei NAKANO	······································

PATENT REEL: 032572 FRAME: 0214

RECORDED: 04/01/2014