

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Isao Kanada</td> <td>07/20/2006</td> </tr> <tr> <td>Ryohei Nakano</td> <td>07/26/2006</td> </tr> <tr> <td>Tatsuya Kikuchi</td> <td>07/31/2006</td> </tr> <tr> <td>Hisashi Kobuke</td> <td>07/20/2006</td> </tr> <tr> <td>Masaru Abe</td> <td>07/28/2006</td> </tr> <tr> <td>Kouji Tashiro</td> <td>07/26/2006</td> </tr> <tr> <td>Matsumi Watanabe</td> <td>07/28/2006</td> </tr> </tbody> </table>		Name	Execution Date	Isao Kanada	07/20/2006	Ryohei Nakano	07/26/2006	Tatsuya Kikuchi	07/31/2006	Hisashi Kobuke	07/20/2006	Masaru Abe	07/28/2006	Kouji Tashiro	07/26/2006	Matsumi Watanabe	07/28/2006
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RECEIVING PARTY DATA																	
Name:	TDK Corporation																
Street Address:	1-13-1, Nihonbashi																
City:	Chuo-ku, Tokyo																
State/Country:	JAPAN																
Postal Code:	103-8272																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11538523</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11538523												
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CORRESPONDENCE DATA																	
Fax Number:	(216)579-6073																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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Email:	dpeterlin@pearnegordon.com																
Correspondent Name:	Joseph J. Corso																
Address Line 1:	1801 East Ninth Street, Suite 1200																
Address Line 4:	Cleveland, OHIO 44114-3108																
ATTORNEY DOCKET NUMBER:	OBA-41342																

CH \$40.00 11538523

NAME OF SUBMITTER:

Joseph J. Corso

Total Attachments: 3

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned
in

DIELECTRIC CERAMIC MATERIAL

(the priority of which is claimed on Japanese Patent Application No.: 2006-187318, July 7,2006,)

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. 41342.

WHEREAS, TDK Corporation, a corporation of Japan, having a place of business at 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which 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.

This assignment has been executed below by the undersigned:

(1) Inventor Name: Isao Kanada

Signature: Isao Kanada

Today's Date: 20/7/2006

Date I Signed Declaration: 20/7/2006

(2) Inventor Name: Ryohei Nakano

Signature: Ryohei Nakano

Today's Date: 26/7/2006

Date I Signed Declaration: 26/7/2006

(3) Inventor Name: Tatsuya Kikuchi

Signature: Tatsuya Kikuchi

Today's Date: 31/7/2006

Date I Signed Declaration: 31/7/2006

(4) Inventor Name: Hisashi Kobuke

Signature: Hisashi Kobuke

Today's Date: 20/7/2006

Date I Signed Declaration: 20/7/2006

(5) Inventor Name: Masaru Abe

Signature: Masaru Abe

Today's Date: 28 / 7 / 2006

Date I Signed Declaration: 28 / 7 / 2006

(6) Inventor Name: Kouji Tashiro

Signature: Kouji Tashiro

Today's Date: 26 / 7 / 2006

Date I Signed Declaration: 26 / 7 / 2006

(7) Inventor Name: Matsumi Watanabe

Signature: Matsumi Watanabe

Today's Date: 28 / 7 / 2006

Date I Signed Declaration: 28 / 7 / 2006