

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daisuke TANAKA</td> <td>10/15/2009</td> </tr> <tr> <td>Takeo TSUKADA</td> <td>10/14/2009</td> </tr> <tr> <td>Masahito FURUKAWA</td> <td>10/15/2009</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke TANAKA	10/15/2009	Takeo TSUKADA	10/14/2009	Masahito FURUKAWA	10/15/2009
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Daisuke TANAKA	10/15/2009								
Takeo TSUKADA	10/14/2009								
Masahito FURUKAWA	10/15/2009								
<b>RECEIVING PARTY DATA</b>									
Name:	TDK Corporation								
Street Address:	1-13-1, Nihonbashi,								
City:	Chuo-ku, Tokyo								
State/Country:	JAPAN								
Postal Code:	103-8272								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12581468</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12581468				
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Application Number:	12581468								
<b>CORRESPONDENCE DATA</b>									
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NAME OF SUBMITTER:	Peter J. Sistare								
Total Attachments: 1 source=200357_0023_444066_Assignmentfiled20091209#page1.tif									

OP \$40.00 12581468

# ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) <b>Daisuke TANAKA</b>	(c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan
2) <b>Takeo TSUKADA</b>	(c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan
3) <b>Masahito FURUKAWA</b>	(c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan

hereinafter called assignor(s), have invented certain improvements in  
**PIEZOELECTRIC CERAMIC, VIBRATOR AND ULTRASONIC MOTOR**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on October 19, 2009, Serial No. 12/581468; and

Whereas

**TDK Corporation**

1-13-1, Nihonbashi,  
Chuo-ku, Tokyo 103-8272 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORS

DATE SIGNED

1):	<i>Daisuke Tanaka</i>	<i>2009. 10. 15</i>
Name:	<b>Daisuke TANAKA</b>	
2):	<i>Takeo Tsukada</i>	<i>2009. 10. 14</i>
Name:	<b>Takeo TSUKADA</b>	
3):	<i>Masahito Furukawa</i>	<i>2009. 10. 15</i>
Name:	<b>Masahito FURUKAWA</b>	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)