

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
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CORRESPONDENCE DATA																	
Fax Number:	(202)293-7860																
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	Q209358
NAME OF SUBMITTER:	BEN MANGELSEN - TEAMS SPECIALIST
Signature:	/Ben M/
Date:	01/10/2014
Total Attachments: 1 source=Q209358AssignmentExecuted#page1.tif	

ASSIGNMENT

Whereas, I/we Masato YAMAZAKI, Takayuki MATSUOKA, Hideto YAMADA, Toshiaki KURAHASHI, Katsuya YAMAGIWA and Kazushige OHBAYASHI all of Aichi, Japan Kazuaki KITAMURA of Mie, Japan hereinafter called assignor(s), have invented certain improvements in

LEAD-FREE PIEZOELECTRIC CERAMIC COMPOSITION, METHOD FOR PRODUCING SAME, PIEZOELECTRIC ELEMENT USING LEAD-FREE PIEZOELECTRIC CERAMIC COMPOSITION, ULTRASONIC PROCESSING MACHINE, ULTRASONIC DRIVE DEVICE, AND SENSING DEVICE and executed an application for Letters Patent of the United States of America therefor on

December 25, 2013 ; and

Whereas, NGK SPARK PLUG CO., LTD., of 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 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, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: December 25, 2013 s/ Masato Yamazaki
Masato YAMAZAKI

Date: December 25, 2013 s/ Takayuki Matsuoka
Takayuki MATSUOKA

Date: December 25, 2013 s/ Kazuaki Kitamura
Kazuaki KITAMURA

Date: December 25, 2013 s/ Hideto Yamada
Hideto YAMADA

Date: December 25, 2013 s/ Toshiaki Kurahashi
Toshiaki KURAHASHI

Date: December 25, 2013 s/ Katsuya Yamagiwa
Katsuya YAMAGIWA

Date: December 25, 2013 s/ Kazushige Ohbayashi
Kazushige OHBAYASHI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 251) PATENT