

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15661822
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DATE SIGNED:	07/28/2017
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source=4379.P0001US Assignment#page2.tif	

United States (Sole or Joint)
(Excluding Foreign Rights)

Docket No.: 4379.P0001US
U.S. Serial No.: 15/661 822
U.S. Filing Date: July 27, 2017

ASSIGNMENT

WHEREAS, I/We, Takashi YOSHINO, Katsuhiko IMAI and Masahiro SAKAI residing at AMA-CITY, , AICHI-PREF., JAPAN, NAGOYA-CITY, AICHI-PREF., JAPAN and NAGOYA-CITY, AICHI-PREF., JAPAN, respectively have invented certain new and useful improvements in

FREE-STANDING SUBSTRATE, FUNCTION ELEMENT AND METHOD FOR PRODUCING SAME

for which an application for United States Letters Patent was filed on July 27, 2017 and received PCT Application No. (or U.S. Serial No.) 15/661 822.

WHEREAS, NGK INSULATORS, LTD.

having a place of business at 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi-prefecture, 467-8530 Japan

hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, I/we have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee my/our full and exclusive right to the said invention in the United States and its territorial possessions and my/our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, its successors and assigns.

I/We hereby authorize and request the attorneys of record to insert in this Assignment the filing date and serial number of the above-referenced United States application when officially known.

IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s).

Witnessed by:

Inventors:

Date:

Masashi Harada

Takashi YOSHINO

Takashi Yoshino July 4, 2017
Katsuhiko IMAI

Katsuhiko Imai July 4, 2017
Masahiro SAKAI

Masahiro Sakai July 4, 2017