

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5274125

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUJI SHIMAZAKI	12/04/2018
HIRONARI FURUTA	12/04/2018
KENTARO MORI	12/04/2018
RECEIVING PARTY DATA	
Name:	NGK SPARK PLUG CO., LTD.
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City:	NAGOYA-SHI, AICHI
State/Country:	JAPAN
Postal Code:	4678525
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16214344
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DATE SIGNED:	12/10/2018
Total Attachments: 2	
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ASSIGNMENT OF PATENT APPLICATION

(US rights only - all US rights assigned by inventors to a single assignee)

WHEREAS,

1) Yuji SHIMAZAKI, 2) Hironari FURUTA and 3) Kentaro MORI,

all residing at c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 4678525 Japan

(hereinafter referred to as the "ASSIGNORS") have invented certain new and useful improvements in GAS SENSOR

for which an application for a United States Patent

- ☒ was executed on even date herewith
- ☐ was executed on
- ☐ was filed on , as Serial No.:

And WHEREAS, **NGK SPARK PLUG CO., LTD.**

whose Post Office Address is 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 4678525 Japan

(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, renewals and/or extensions thereof.

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNORS do hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reissues, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNORS had this assignment not been made.

And for the consideration aforesaid, ASSIGNORS agree that ASSIGNORS will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNORS respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNORS, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

- 1 -

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**PATENT
REEL: 047722 FRAME: 0609**

This assignment shall be binding upon the ASSIGNORS' heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

I hereby authorize and request any attorney of record in said Application or any attorney of Stites & Harbison, PLLC, Customer Nos. 00881, 24350 or 32885, to insert above any information concerning the identity of the parties or of said Application (including the serial no. and filing date).

<u>NAME</u>	<u>SIGNATURE</u>	<u>DATE</u>
1) Yuji SHIMAZAKI	<u>Yuji Shimazaki</u>	DEC. 4, 2018
2) Hironari FURUTA	<u>Hironari Furuta</u>	DEC 4, 2018
3) Kentaro MORI	<u>Kentaro Mori</u>	DEC. 4, 2018