

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shin YOSHIDA	02/18/2011
Shigeki MORI	02/18/2011
Takeshi KAWAI	02/18/2011
Hiroshi INAGAKI	02/18/2011
Seiji OYA	02/18/2011
Kentaro MORI	02/18/2011
RECEIVING PARTY DATA	
Name:	NGK SPARK PLUG CO., LTD.
Street Address:	14-18, Takatsuji-cho, Mizuho-ku
City:	Nagoya-shi, Aichi
State/Country:	JAPAN
Postal Code:	467-8525
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13037982
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-293-7060
Email:	eharnett@sughrue.com
Correspondent Name:	SUGHRUE MION, PLLC
Address Line 1:	2100 PENNSYLVANIA AVENUE, N.W.
Address Line 2:	SUITE 800
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	Q122719

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**PATENT
 REEL: 025902 FRAME: 0896**

NAME OF SUBMITTER:

Erin Harnett, New Application Specialist

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee NGK SPARK PLUG CO., LTD. 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention GAS SENSOR ELEMENT, GAS SENSOR AND CONTROL SYSTEM OF GAS SENSOR

as set forth in his/her United States Patent Application

check one (X) executed concurrently herewith () executed on () Serial No. 13/037,982 Filed March 1, 2011

in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of SUGHRUE MION, PLLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors Shin Yoshida date 02/18/2011 Shigeki Mori date 02/18/2011 Name: Shin Yoshida Name: Shigeki Mori Takeshi Kawai date 02/18/2011 Hiroshi Inagaki date 02/18/2011 Name: Takeshi Kawai Name: Hiroshi Inagaki

Seiji Oya date 02/18/2011
Name: Seiji Oya

Kentaro Mori date 02/18/2011
Name: Kentaro Mori

Name: _____ date _____

Name: _____ date _____