

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seiji OHYA</td> <td>05/01/2009</td> </tr> <tr> <td>Tomohiro WAKAZONO</td> <td>05/01/2009</td> </tr> <tr> <td>Kenji KATO</td> <td>05/01/2009</td> </tr> <tr> <td>Koji SHIOTANI</td> <td>05/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Seiji OHYA	05/01/2009	Tomohiro WAKAZONO	05/01/2009	Kenji KATO	05/01/2009	Koji SHIOTANI	05/01/2009
Name	Execution Date										
Seiji OHYA	05/01/2009										
Tomohiro WAKAZONO	05/01/2009										
Kenji KATO	05/01/2009										
Koji SHIOTANI	05/01/2009										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>NGK SPARK PLUG CO., LTD.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>14-18, Takatsuji-cho, Mizuho-ku, Aichi,</td> </tr> <tr> <td><b>City:</b></td> <td>Nagoya-shi</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> </table>		<b>Name:</b>	NGK SPARK PLUG CO., LTD.	<b>Street Address:</b>	14-18, Takatsuji-cho, Mizuho-ku, Aichi,	<b>City:</b>	Nagoya-shi	<b>State/Country:</b>	JAPAN		
<b>Name:</b>	NGK SPARK PLUG CO., LTD.										
<b>Street Address:</b>	14-18, Takatsuji-cho, Mizuho-ku, Aichi,										
<b>City:</b>	Nagoya-shi										
<b>State/Country:</b>	JAPAN										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12463625</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12463625						
Property Type	Number										
Application Number:	12463625										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (202)293-7860  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060</p> <p>Email: ywilliams@sughrue.com</p> <p>Correspondent Name: SUGHRUE MION PLLC</p> <p>Address Line 1: 2100 PENNSYLVANIA AVE. NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037-3213</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	Q113184										
<b>NAME OF SUBMITTER:</b>	Abraham J. Rosner										
<p>Total Attachments: 1</p> <p>source=ASSIGNMENT_EXECUTED_FILED_05-11-2009#page1.tif</p>											

CH \$40.00 12463625

500856675

**PATENT**  
**REEL: 022664 FRAME: 0555**

# ASSIGNMENT

Whereas, I/we

Seiji OHYA, Tomohiro WAKAZONO, Kenji KATO and Koji SHIOTANI  
all of Aichi, Japan

hereinafter called assignor(s), have invented certain improvements in

GAS SENSOR AND METHOD FOR MANUFACTURING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

May 1, 2009

; and

Whereas,

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

of 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi, 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: May 1, 2009

s/ Seiji Ohya

Date: May 1, 2009

s/ Tomohiro Wakazono

Date: May 1, 2009

s/ Kenji Kato

Date: May 1, 2009

s/ Koji Shiotani

Date:

s/ \_\_\_\_\_