

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasuhiro ISHIGURO</td> <td>02/22/2012</td> </tr> <tr> <td>Katsunori YAZAWA</td> <td>02/22/2012</td> </tr> <tr> <td>Yuji KIMOTO</td> <td>02/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yasuhiro ISHIGURO	02/22/2012	Katsunori YAZAWA	02/22/2012	Yuji KIMOTO	02/22/2012
Name	Execution Date								
Yasuhiro ISHIGURO	02/22/2012								
Katsunori YAZAWA	02/22/2012								
Yuji KIMOTO	02/22/2012								
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:	4678525								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13415531</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13415531				
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Application Number:	13415531								
CORRESPONDENCE DATA									
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Phone:	2022937060								
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ATTORNEY DOCKET NUMBER:	Q128655								
NAME OF SUBMITTER:	Byron F. Galvez, New Apps Spc.								
Total Attachments: 1 source=Q128655_ASSIGNMENT_AS_FILED#page1.tif									

OP \$40.00 13415531

Assignment

Whereas, We, Yasuhiro ISHIGURO; Katsumori YAZAWA; and Yuji KIMOTO c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, JAPAN, respectively, hereinafter called assignors, have invented certain improvements in OXYGEN SENSOR CONTROL APPARATUS and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, NGK SPARK PLUG CO., LTD., of 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 4678525, 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,

We, the above named assignors, 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 all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the 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 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.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/415,531 and Confirmation number 1019, filed March 8, 2012) the application number, confirmation number and filing date of said application when known.

Date: February 22, 2012

Yasuhiro Ishiguro
s/Yasuhiro ISHIGURO

Date: February 22, 2012

Katsumori Yazawa
s/Katsumori YAZAWA

Date: February 22, 2012

Yuji Kimoto
s/Yuji KIMOTO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)