

## 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>Kuniyuki IZAWA</td> <td>05/18/2012</td> </tr> <tr> <td>Kenichi YOSHIOKA</td> <td>05/18/2012</td> </tr> <tr> <td>Chizumi KITAGAWA</td> <td>05/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kuniyuki IZAWA	05/18/2012	Kenichi YOSHIOKA	05/18/2012	Chizumi KITAGAWA	05/18/2012
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Kuniyuki IZAWA	05/18/2012								
Kenichi YOSHIOKA	05/18/2012								
Chizumi KITAGAWA	05/18/2012								
RECEIVING PARTY DATA									
Name:	Figaro Engineering Inc.								
Street Address:	5-3, Senbanishi 1-chome								
City:	Mino-shi, Osaka								
State/Country:	JAPAN								
Postal Code:	562-0036								
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>13478136</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13478136				
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Application Number:	13478136								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Michelle Rhodes								
Total Attachments: 1 source=15283-2-PTO-20120523-Signed_Assignment#page1.tif									

OP \$40.00 13478136

ASSIGNMENT (WORLDWIDE)

WHEREAS WE, Kuniyuki IZAWA, Kenichi YOSHIOKA and Chizumi KITAGAWA (hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled GAS DETECTION APPARATUS AND GAS DETECTION METHOD for which application for Letters Patent of the United States has been

\_\_\_\_\_ executed on even date herewith;  
X filed on 05/23/12 as Serial No. 13/478,136

WHEREAS, Figaro Engineering Inc., 5-3, Senbanishi 1-chome, Mino-shi, Osaka 562-0036 Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: May 18, 2012 Kuniyuki Izawa  
Kuniyuki IZAWA

Dated: May 18, 2012 Kenichi Yoshioka  
Kenichi YOSHIOKA

Dated: May 18, 2012 Chizumi Kitagawa  
Chizumi KITAGAWA