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Hiroshi YOSHIOKA  
Tateki MITANI

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receiving party(ies):

MITSUBISHI DENKI KABUSHIKI KAISHA  
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Additional name(s) of conveying party(ies) attached?  Yes  No

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Execution Date: September 23, 2005

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 23, 2005

A. Patent Application No.(s)  
Not Yet Assigned

B. Patent No.(s)  
Unknown

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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November 18, 2005

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PATENT REEL: 018167 FRAME: 0647

# Assignment

Whereas, I/We, **Hiroshi YOSHIOKA**  
**c/o MITSUBISHI DENKI KABUSHIKI KAISHA**  
**2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN**  
**Tateki MITANI**  
**c/o Mitsubishi Electric Engineering Company Limited**  
**1-13-5, KUDANKITA, CHIYODA-KU, TOKYO 102-0073, JAPAN**  
of hereinafter called assignor(s), have invented certain improvements in

## TRANSPIRED FUEL GAS LEAK DETECTING DEVICE

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

**MITSUBISHI DENKI KABUSHIKI KAISHA**  
**2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: Sept. 23, 2005 Hiroshi Yoshioka  
s/ **Hiroshi YOSHIOKA**  
Date: Sept. 23, 2005 Tateki Mitani  
s/ **Tateki MITANI**  
Date: \_\_\_\_\_  
s/  
Date: \_\_\_\_\_  
s/

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