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OMB No. 0651-0027

102048065

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoshihiko ONISHI  
Shigenobu TOCHIYAMA

04/03/02

2. Name and address of receiving party(ies):

mitsubishi denki kabushiki kaisha  
2-3, Marunochi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan

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10/114036  
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Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

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- Other

Execution Date: March 8, 2002

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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: March 8, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

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April 3, 2002

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04/08/2002 DBYRNE 00000108 10114036

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PATENT  
REEL: 012752 FRAME: 0436

# ASSIGNMENT

Whereas, I/we

Yoshihiko ONISHI and Shigenobu TOCHIYAMA  
both of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in  
ELECTROMAGNETIC VALVE FOR HIGH PRESSURE FUEL SUPPLY APPARATUS  
and executed an application for Letters Patent of the United States of America therefor on

March 8, 2002 ; and

Whereas,

mitsubishi denki kabushiki kaisha of 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 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: March 8, 2002 s/ Yoshihiko Onishi

Date: March 8, 2002 s/ Shigenobu Tochiyama

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

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