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If this document is being filed together with a new application, the execution date of the application is: March 14, 2006

A. Patent Application No.(s)  
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5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

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23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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PATENT

REEL: 017770 FRAME: 0446

## Assignment

Whereas, I/We, **Katsuji MATSUOKA**  
**c/o MITSUBISHI DENKI KABUSHIKI KAISHA**  
**7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN**  
of hereinafter called assignor(s), have invented certain improvements in

### **AUTOMOTIVE RADAR DEVICE**

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

; and Whereas, **MITSUBISHI DENKI KABUSHIKI KAISHA**  
**7-3, 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: March 14, 2006 Katsuji Matsuoka  
s/ **Katsuji MATSUOKA**

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