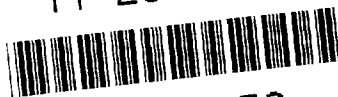


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1. Name of conveying party(ies):  
Shinichi MORITA, Nami SHIBATA

11/19/01

2. Name and address of receiving party(ies)?  
ISI AEROSPACE CO., LTD.  
Shin-Otemachi Bldg., 2-1, Otemachi 2-chome  
Chiyoda-ku, Tokyo  
Japan

Additional name(s) of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
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☐ Other

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☐ yes ☒ no

Execution Date: October 1, 2001

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: October 1, 2001

A. Patent Application No.(s)/Confirmation No.(s)  
Not yet assigned / not yet assigned

B. Patent No.(s)

09/988365

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. 20037-32136. Total number of applications and registration involved:  
17. Total Fee (37 CFR 3.41): \$40.00  
☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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November 19, 2001

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PATENT  
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# ASSIGNMENT

Whereas, I/we Shinichi MORITA and Nami SHIBATA, both of Tokyo, JAPAN

hereinafter called assignor(s), have invented certain improvements in

## INFRARED DETECTING DEVICE

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

*October 1,* 2001; and

Whereas, IHI AEROSPACE CO., LTD.  
Shin-Otemachi Bldg., 2-1, Otemachi 2-chome  
Chiyoda-ku, Tokyo 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, ZINN, MACPEAK & SEAS, 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: *October 1, 2001* s/ *Shinichi Morita*  
Shinichi MORITA

Date: *October 1, 2001* s/ *Nami Shibata*  
Nami SHIBATA

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

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

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

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

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