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ie attached original documents or copy thereof.

1. Name of conveying party(ies):

Hisashi KAWAFUJI  
Tatsuyuki TAKESHITA

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

MITSUBISHI DENKI KABUSHIKI KAISHA  
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Chiyoda-ku, Tokyo 100 8310  
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29/213816Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: August 18, 2004

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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: August 18, 2004

A. Patent Application No.(s)  
(Submitted simultaneously alongside new application  
- therefore unknown at the time of submission)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. 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

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

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## Assignment

Whereas, We, **Hisashi KAWAFUJI** and **Tatsuyuki TAKESHITA**, hereinafter called assignors, have invented certain improvements in

### SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on **AUG 18 2004**; 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,

We, the above named assignors, 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 we request the Director of the 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 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.

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 **SEP 24 2004**) the application number and filing date of said application when known.

Date: August 18, 2004 Hisashi Kawafuji  
s/Hisashi KAWAFUJI

Date: August 18, 2004 Tatsuyuki Takeshita  
s/Tatsuyuki TAKESHITA

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

Attorney Docket No.: **Q82424**

Client Ref.: **D22395-US-01**