

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)/Execution Date(s):

FUJI ELECTRIC HOLDINGS CO., LTD.  
Naoki KUMAGAI  
Kazunori OYABE  
Naotaka MATSUDA

Execution Date(s) 24 February 2005 & 03 March 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 1-11-2 Osaki, Shinagawa-ku

City: Tokyo, 141-0032

State: \_\_\_\_\_

Country: JAPAN Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s)

09/845,787

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Rossi, Kimms & McDowell LLP

Internal Address: \_\_\_\_\_

Street Address: PO BOX 826

City: Ashburn

State: VA Zip: 20146-0826

Phone Number: 703-726-6020

Fax Number: 703-726-6024

Email Address: mail@rkmllegalgroup.com

### 6. Total number of applications and patents involved:

1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

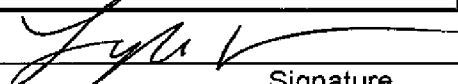
### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 18-2056

Authorized User Name Lyle Kimms

### 9. Signature:



Signature

14 March 2005

Date

Lyle Kimms

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

700161724

PATENT  
REEL: 015894 FRAME: 0620

CH \$40.00 182056 09845787

ATTORNEY DOCKET NO.: FUJI:187

\*\*\* ASSIGNMENT \*\*\*

FUJI ELECTRIC CO., LTD. is the named assignor of the following United States Patent Application, and the invention(s) and improvement(s) disclosed or claimed therein:

SN. 00/845,787

The name of the assignor, however, was changed to FUJI ELECTRIC HOLDINGS CO., LTD. of 1-1 Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0856, Japan (hereinafter ASSIGNOR). ASSIGNOR thus is the sole and exclusive owner of the above-identified United States Patent Application, and the invention(s) and improvement(s) disclosed or claimed therein.

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt of which is hereby acknowledged, ASSIGNOR has sold and assigned, and by these presents hereby sells and assigns unto the following ASSIGNEE:

Name: FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD.  
Address 1-11-2 Osaki, Shinagawa-ku, Tokyo, 141-0032, Japan

the entire right, title, and interest for the United States, its territories, dependencies and possessions in and to the invention(s) and improvement(s) set forth in the above-identified United States Patent Application, including any and all subsequent divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such applications, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

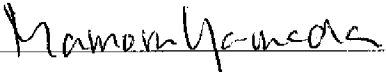
ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to ASSIGNEE, its successors or assigns in accordance herewith.

ASSIGNOR warrants and covenants that it has the full and unencumbered right to sell and assign the interests herein sold and assigned and that it has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR further covenants and agrees to: (1) execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary or expedient; (2) execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward with such interference; (3) execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention of Protection of Industrial Property or similar agreements; and (4) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to ASSIGNEE.

ASSIGNOR hereby grants the firm of ROSSI, KIMMS & McDOWELL LLP the power to insert on this Assignment any further identification, including but not limited to the ATTORNEY DOCKET NUMBER, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the signature(s) of the undersigned:

Print Name & Title	Date	Signature
Mamoru YAMADA General Manager, Legal & Intellectual Property Department	February 24, 2005 Month/Day/Year	

This Assignment should preferably be signed before: a Notary Public if within the United States of America; a U.S. Consul if outside the United States of America; or before at least two witnesses. Witnessed by:

(1)	_____	Month/Day/Year	_____
(2)	_____	Month/Day/Year	_____

**\*\*\* ASSIGNMENT \*\*\***

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to:

Name: FUJI ELECTRIC DEVICE TECHNOLOGY CO., LTD.

Address 1-11-2 Osaki, Shinagawa-ku, Tokyo, 141-0032, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as:

Title: INTELLIGENT POWER MODULE


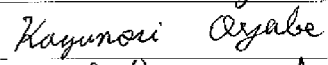
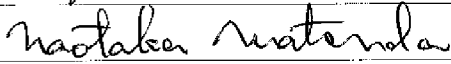
identified by the Assignee as 00P00552 US and ATTORNEY DOCKET NUMBER FUJI:187, for which the undersigned has (have) filed an application for patent in the United States of America on the date May 1, 2001 and now designated as U.S. Patent Application Serial No. 09/845,787.

The undersigned hereby agree(s) to: (1) execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient; (2) execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; (3) execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention of Protection of Industrial Property or similar agreements; and (4) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said applications or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned have full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of ROSSI, KIMMS & McDOWELL LLP the power to insert on this assignment any further identification, including but not limited to the ATTORNEY DOCKET NUMBER, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the signature(s) of the undersigned:

	Print Name	Date	Signature
(1)	Naoki KUMAGAI	3/3/2005 Month/Day/Year	
(2)	Kazunori OYABE	3/3/2005 Month/Day/Year	
(3)	Naotaka MATSUDA	3/3/2005 Month/Day/Year	
(4)		Month/Day/Year	
(5)		Month/Day/Year	
(6)		Month/Day/Year	

This assignment should preferably be signed before: a Notary Public if within the United States of America; a U.S. Consul if outside the United States of America; or before at least two witnesses. Witnessed by:

(1)		Month/Day/Year	
(2)		Month/Day/Year	