| Form | РΤ  | 0-1595  | (Rev. 0 | 8/05)        |   |
|------|-----|---------|---------|--------------|---|
| OMB  | No. | 0651-00 | )27 (ex | p. 6/30/2008 | 3 |



Signature

Steven M. Rabin - 29,102 Name of Person Signing

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

Internal Address:

141-0032, Tokyo

Additional name(s) & address(es)

B. Patent No.(s)

Yes

patents involved:

Enclosed

8. Payment Information

b. Deposit Account Number Authorized User Name

a. Credit Card

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

X No

6. Total number of applications and

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

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Last 4 Numbers

**Expiration Date** 

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Zip:

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2. Name and address of receiving party(les)

11-2 Osaki 1-Chome, Shinagawa-Ku

Name: Fuji Electric Device Technology Co., Ltd

|  | 1. Name of conveying party(ies):  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
|  | Jun YABUZAKI  |  |  |  |  |  |  |
| $\sim$                                       |   |  |  |  |  |  |  |
| 11.7.07                                      | Additional name(s) of conveying party(ies) attached?                              |  |  |  |  |  |  |
| ŕ  | 3. Nature of conveyance/Execution Date(s):  |  |  |  |  |  |  |
| ~  | Execution Date(s): September 20, 2007   |  |  |  |  |  |  |
| /  | X Assignment Merger Change of Name  |  |  |  |  |  |  |
|  | Security Agreement Joint Research Agreement                                       |  |  |  |  |  |  |
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|  | Executive Order 9424, Confirmatory License  |  |  |  |  |  |  |
|  | X Other Document ID No.: 103455818  |  |  |  |  |  |  |
|  | 10000000000000000000000000000000000000  |  |  |  |  |  |  |
|  | 4. Application or patent number(s):   |  |  |  |  |  |  |
|  | A. Patent Application No.(s)  |  |  |  |  |  |  |
|  | 11/898,044 filed September 7, 2007  |  |  |  |  |  |  |
|  |   |  |  |  |  |  |  |
|  | Additional numbers attached?  |  |  |  |  |  |  |
|  | 5. Name and address to whom correspondence concerning document should be mailed:  |  |  |  |  |  |  |
|  | Name: Steven M. Rabin   |  |  |  |  |  |  |
|  | RABIN & BERDO, PC   |  |  |  |  |  |  |
|  | Internal Address: Atty. Dkt.: FEC-197   |  |  |  |  |  |  |
|  | Street Address: 1101 14th St., NW<br>Suite 500                                    |  |  |  |  |  |  |
|  | Suite 500   |  |  |  |  |  |  |
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|  |   |  |  |  |  |  |  |
| ~ = -  | City: Washington  |  |  |  |  |  |  |
|  | State: DC Zip: 20005  |  |  |  |  |  |  |
| De ла  | Phone Number: (202) 371-8976  |  |  |  |  |  |  |
| Dog S NCI                                    | Fax Number:       (202) 408-0924         Email Address:       firm@rabinberdo.com |  |  |  |  |  |  |
| FEE ENCLOS<br>Please charge<br>our Deposit A |   |  |  |  |  |  |  |
| 2 A 1  | 9. Signature: (//   |  |  |  |  |  |  |

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PATENT REEL: 020114 FRAME: 0345

| Form PTO-1595 (Rev. 08/05)<br>OMB No. 0651-0027 (exp. 6/30/2008)<br>To the Director of the U.S. Patent and Trademark Office: F  | 10-24-2007<br>MT OF COMMERCI<br>Ind Trademark Office  |
|---|---|
| To the Director of the U.S. Patent and Trademark Office: F  | 103455818   |
| 1. Name of conveying party(ies):  | 2. Name and address of receiving party(ies)   |
| Jun YABUZAKI  |   |
| · .   | Name: Fuji Electric Device Technology Co., Ltd  |
|   | Internal Address:   |
| Additional name(s) of conveying party(ies) attached?  | Street Address:   |
| 3. Nature of conveyance/Execution Date(s):  | 11-2 Osaki 1-Chome, Shinagawa-Ku<br>141-0032, Tokyo   |
| Execution Date(s): September 20, 2007   | JAPAN   |
| Assignment Merger Change of Name  | Attention:  |
| Security Agreement Joint Research Agreement   | City:   |
| Government Interest Assignment  | City:   |
|   | State:  |
| Executive Order 9424, Confirmatory License  | Country:Zip:  |
| Other   | Additional name(s) & address(es) Yes X No   |
| 4. Application or patent number(s):       X         A. Patent Application No.(s)       X         Title: SWITCHING REGULATOR       X   | This document is being filed together with a new application.<br>B. Patent No.(s)   |
| A. Patent Application No.(s)  | B. Patent No.(s)  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR  | B. Patent No.(s)  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached   | B. Patent No.(s)<br>d? Yes XNo<br>6. Total number of applications and   |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name:<br>Alun L. Palmer<br>RABIN & BERDO, PC  | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer  | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1<br>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00<br>X Authorized to be charged by credit card  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name:<br>Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197   | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1<br>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00<br>X Authorized to be charged by credit card<br>Authorized to be charged to deposit account   |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name:<br>Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW  | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1<br>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00<br>X Authorized to be charged by credit card<br>Authorized to be charged to deposit account<br>Enclosed   |
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| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW<br>Suite 500<br>City: Washington  | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1<br>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00<br>X Authorized to be charged by credit card<br>Authorized to be charged to deposit account<br>Enclosed<br>None required (government interest not affecting title)<br>8. Payment Information  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW<br>Suite 500<br>City: Washington<br>State: DC Zip: 20005  | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1<br>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00<br>X Authorized to be charged by credit card<br>Authorized to be charged to deposit account<br>Enclosed<br>None required (government interest not affecting title)<br>8. Payment Information<br>a. Credit Card Last 4 Numbers 4591  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW<br>Suite 500<br>City: Washington<br>State: DC Zip: 20005<br>Phone Number: (202) 371-8976  | B. Patent No.(s)         d?       Yes       X No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         X       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         4591         Expiration Date       08/09  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW<br>Suite 500<br>City: Washington<br>State: DC Zip: 20005<br>Phone Number: (202) 371-8976<br>Fax Number: (202) 408-0924  | B. Patent No.(s)         d?       Yes       X No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         X Authorized to be charged by credit card         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         4591         Expiration Date       08/09         b. Deposit Account Number         Authorized User Name |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW<br>Suite 500<br>City: <u>Washington</u><br>State: <u>DC</u> Zip: 20005<br>Phone Number: (202) 371-8976<br>Fax Number: (202) 408-0924<br>Email Address: firm@rabinberdo.com<br>9. Signature: <u>Mathematical State</u> State | B. Patent No.(s)<br>d? Yes X No<br>6. Total number of applications and 1<br>7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00<br>X Authorized to be charged by credit card<br>Authorized to be charged by credit card<br>Authorized to be charged to deposit account<br>Enclosed<br>None required (government interest not affecting title<br>8. Payment Information<br>a. Credit Card Last 4 Numbers 4591<br>Expiration Date 08/09<br>b. Deposit Account Number<br>Authorized User Name<br>October 18, 2007  |
| A. Patent Application No.(s)<br>Title: SWITCHING REGULATOR<br>Additional numbers attached<br>5. Name and address to whom correspondence<br>concerning document should be mailed:<br>Name: Alun L. Palmer<br>RABIN & BERDO, PC<br>Internal Address: Atty. Dkt.: FEC-197<br>Street Address: 1101 14th St., NW<br>Suite 500<br>City: <u>Washington</u><br>State: <u>DC</u> Zip: 20005<br>Phone Number: (202) 371-8976<br>Fax Number: (202) 408-0924<br>Email Address: firm@rabinberdo.com  | B. Patent No.(s)         d?       Yes       X No         6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 1.21(h) & 3.41)       \$ 40.00         X Authorized to be charged by credit card         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         4591         Expiration Date       08/09         b. Deposit Account Number         Authorized User Name |

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10/19/2007 SZEWDIE1 00000116 11890044 05 FC:8021 (40.00 OP)

PATENT REEL: 020114 FRAME: 0346 •

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

## WHEREAS \_\_ Jun YABUZAKI\_

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to \_

## SWITCHING REGULATOR

[ ] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office; [X] said application having been filed in the United States Patent and Trademark Office on

<u>September 7, 2007</u>, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch, and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No.\_\_\_\_\_) the application serial number of said application when known;

AND WHEREAS <u>FUJI ELECTRONIC DEVICE TECHNOLOGY CO., LTD of Tokyo 141-0032, Japan,</u> hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor; including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assigner might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

|            | EXECUTED, this <u>20th</u> o | day of | September | ~           | , 2007.  |  |
|------------|------------------------------|--------|-----------|-------------|----------|--|
| WITNESSES: |                              |        | ASSIGNOR  | <b>:</b> -т |          |  |
| Signature: |                              |        | Signature | Jun         | Jabuzaki |  |
| Name:      |                              |        | Name:     | Jun Y       | ABUZAKI  |  |
| Address:   |                              |        |           |             |          |  |

RABIN & BERDO, P.C., Washington, D.C.

**RECORDED: 10/18/2007**