



12/31/09
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office




103585664

To the Director of the U.S. Patent : _____ documents or the new address(es) below.

1. Name of conveying party(ies): Hideo SHIMIZU Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Fuji Electric Systems Co., Ltd.</u> Internal Address: _____ Street Address: _____
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>December 1, 2009</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	11-2 Osaki 1-chome, Shinagawa-ku City: <u>Tokyo</u> State: _____ Country: <u>JAPAN</u> Zip: <u>141-0032</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

4. Application or patent number(s): A. Patent Application No.(s) <u>12/591,016</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steven M. Rabin</u> <u>RABIN & BERDO, PC</u> Internal Address: <u>Atty. Dkt.: FEC 263</u> <u>Street Address: 1101 14th St., NW</u> <u>Suite 500</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20005</u> Phone Number: <u>(202) 371-8976</u> Fax Number: <u>(202) 408-0924</u> Email Address: <u>firm@rabinberdo.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information Deposit Account Number _____ Authorized User Name _____
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9. Signature:  _____ Signature <u>Steven M. Rabin - 29,102</u> Name of Person Signing	_____ Date <u>December 31, 2009</u> Total number of pages including cover sheet, attachments, and documents: 2
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hideo SHIMIZU
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to
SWITCHING POWER SUPPLY APPARATUS

[] 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 November 4, 2009, 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. 12/591,016) the application serial number of said application when known;

AND WHEREAS FUJI ELECTRIC SYSTEMS CO., LTD. of Tokyo, Japan, 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 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 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 assignor 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 1st day of December, 2009.

WITNESSES:

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature Hideo Shimizu

Name: Hideo SHIMIZU

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