

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bernard Geller</td> <td>03/13/2003</td> </tr> <tr> <td>Glen C. Metheny</td> <td>03/13/2003</td> </tr> <tr> <td>Daniel Shaw</td> <td>03/13/2003</td> </tr> </tbody> </table>		Name	Execution Date	Bernard Geller	03/13/2003	Glen C. Metheny	03/13/2003	Daniel Shaw	03/13/2003
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Bernard Geller	03/13/2003								
Glen C. Metheny	03/13/2003								
Daniel Shaw	03/13/2003								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Mitsubishi Electric & Electronics U.S.A., Inc.								
<b>Street Address:</b>	5665 Plaza Drive								
<b>City:</b>	Cypress								
<b>State/Country:</b>	CALIFORNIA								
<b>Postal Code:</b>	90630								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6903596</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6903596				
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Patent Number:	6903596								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(415)393-9887								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	415-393-9866								
<b>Email:</b>	dperegory@ssd.com								
<b>Correspondent Name:</b>	Squire Sanders & Dempsey LLP								
<b>Address Line 1:</b>	One Maritime Plaza								
<b>Address Line 2:</b>	Suite 300								
<b>Address Line 4:</b>	San Francisco, CALIFORNIA 94111								
<b>ATTORNEY DOCKET NUMBER:</b>	043496.00043								
<b>NAME OF SUBMITTER:</b>	Danielle Peregory								

Total Attachments: 2  
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**500782952**

**PATENT  
 REEL: 022259 FRAME: 0967**

**CH \$40.00 6903596**



Attorney Docket No. 032674-190**JOINT ASSIGNMENT**

THIS ASSIGNMENT, by Bernard GELLER, Glen C. METHENY and Daniel SHAW

residing at Durham, NC; Raleigh, NC, and Louisburg, NC

(hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in the application for Letters Patent of the United States, entitled:

Method and System for Impedance Matched Switching

- (1)  which is a provisional application
- (a)  bearing Application No. \_\_\_\_\_, filed on \_\_\_\_\_;
- (b)  to be filed herewith; or
- (2)  which is a non-provisional application
- (a)  bearing Application No. \_\_\_\_\_, filed on \_\_\_\_\_;
- (b)  having an oath or declaration executed on even date herewith prior to filing of application;
- (c)  having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, Mitsubishi Electric & Electronics U.S.A., Inc.  
 a corporation duly organized under and pursuant to the laws of Delaware  
 and having its principal place of business at 5665 Plaza Drive, Cypress, CA 90630

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;


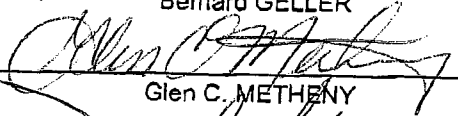
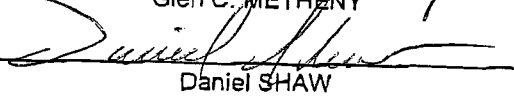
Application No. \_\_\_\_\_  
Attorney Docket No. 032674-190

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date: <u>3/13/03</u>	Signature of Assignor	 Bernard GELLER
Date: <u>3/13/03</u>	Signature of Assignor	 Glen C. METHENY
Date: <u>3/13/03</u>	Signature of Assignor	 Daniel SHAW
Date: _____	Signature of Assignor	_____
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