

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<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>Takuya HAMAGUCHI</td> <td>05/10/2007</td> </tr> <tr> <td>Hideki HARUGUCHI</td> <td>05/07/2007</td> </tr> <tr> <td>Tetsujiro TSUNODA</td> <td>05/08/2007</td> </tr> </tbody> </table>		Name	Execution Date	Takuya HAMAGUCHI	05/10/2007	Hideki HARUGUCHI	05/07/2007	Tetsujiro TSUNODA	05/08/2007
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Hideki HARUGUCHI	05/07/2007								
Tetsujiro TSUNODA	05/08/2007								
RECEIVING PARTY DATA									
Name:	MITSUBISHI ELECTRIC CORPORATION								
Street Address:	7-3, Marunouchi 2-chome								
City:	Chiyoda-ku, Tokyo								
State/Country:	JAPAN								
Postal Code:	100-8310								
PROPERTY NUMBERS Total: 1									
<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>Application Number:</td> <td>11753886</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11753886				
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Application Number:	11753886								
CORRESPONDENCE DATA									
Fax Number:	(703)413-2220								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(703) 413-3000								
Email:	ejerman@oblon.com								
Correspondent Name:	Oblon, Spivak, et al.								
Address Line 1:	1940 Duke Street								
Address Line 4:	Alexandria, VIRGINIA 22314								
ATTORNEY DOCKET NUMBER:	309300US2								
NAME OF SUBMITTER:	Elizabeth Jerman								
Total Attachments: 1 source=309300USASSIGNMENT#page1.tif									

OP \$40.00 11753886

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Takuya HAMAGUCHI
 (3) Tetsujiro TSUNODA

(2) Hideki HARUGUCHI

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Electric Corporation
7-3, Marunouchi 2-chome
Chivoda-ku, Tokyo 100-8310
JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Takuya Hamaguchi</u> Name: Takuya HAMAGUCHI	<u>May 10, 2007</u>
2) <u>Hideki Haruguchi</u> Name: Hideki HARUGUCHI	<u>May 7, 2007</u>
3) <u>Tetsujiro Tsunoda</u> Name: Tetsujiro TSUNODA	<u>May 8, 2007</u>

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