

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Misao HIRONAKA</td> <td>07/27/2010</td> </tr> <tr> <td>Harumi NISHIGUCHI</td> <td>07/27/2010</td> </tr> <tr> <td>Kyosuke KURAMOTO</td> <td>07/27/2010</td> </tr> <tr> <td>Masatsugu KUSUNOKI</td> <td>07/28/2010</td> </tr> </tbody> </table>		Name	Execution Date	Misao HIRONAKA	07/27/2010	Harumi NISHIGUCHI	07/27/2010	Kyosuke KURAMOTO	07/27/2010	Masatsugu KUSUNOKI	07/28/2010		
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CORRESPONDENCE DATA													
<p>Fax Number: (202)737-6776</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 737-6770</p> <p>Email: mshakur@leydig.com</p> <p>Correspondent Name: Jeffrey A. Wyand</p> <p>Address Line 1: 700 Thirteenth Street, N. W.</p> <p>Address Line 2: Suite 300</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>													
ATTORNEY DOCKET NUMBER:	404534												
NAME OF SUBMITTER:	Jeffrey A. Wyand												

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REEL: 024882 FRAME: 0913

Total Attachments: 1
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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) Misao HIRONAKA
(3) Kyosuke KURAMOTO

(2) Harumi NISHIGUCHI
(4) Masatsugu KUSUNOKI

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

Mitsubishi Electric Corporation
7-3, Marunouchi 2-chome
Chiyoda-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

METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

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) Misao Hironaka
Name: Misao HIRONAKA

July 27, 2010

2) Harumi Nishiguchi
Name: Harumi NISHIGUCHI

July 27, 2010

3) Kyosuke Kuramoto
Name: Kyosuke KURAMOTO

July 27, 2010

4) Masatsugu Kusunoki
Name: Masatsugu KUSUNOKI

July 28, 2010

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