

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Shigeto FUJITA</td><td>02/17/2011</td></tr><tr><td>Khalid Hassan HUSSEIN</td><td>02/21/2011</td></tr><tr><td>Junichi YAMASHITA</td><td>02/16/2011</td></tr><tr><td>Hisao KONDO</td><td>02/27/2011</td></tr></tbody></table>		Name	Execution Date	Shigeto FUJITA	02/17/2011	Khalid Hassan HUSSEIN	02/21/2011	Junichi YAMASHITA	02/16/2011	Hisao KONDO	02/27/2011
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RECEIVING PARTY DATA											
Name:	MITSUBISHI ELECTRIC CORPORATION										
Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku										
City:	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>13078436</td></tr></tbody></table>		Property Type	Number	Application Number:	13078436						
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Application Number:	13078436										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Nicholas D. Jackson										
Total Attachments: 1 source=378704_ASSIGNMENT#page1.tif											

OP \$40.00 13078436

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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) Shigeto FUJITA
(3) Junichi YAMASHITA

(2) Khalid Hassan HUSSEIN
(4) Hisao KONDO

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
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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

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>Shigeto Fujita</u> Name: Shigeto FUJITA	<u>February 17, 2011</u>
2) <u>Khalid Hassan Hussein</u> Name: Khalid Hassan HUSSEIN	<u>February 21, 2011</u>
3) <u>Junichi Yamashita</u> Name: Junichi YAMASHITA	<u>February 16, 2011</u>
4) <u>Hisao Kondo</u> Name: Hisao KONDO	<u>February 27, 2011</u>