

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>Kazuya YAMAMOTO</td> <td>11/07/2007</td> </tr> <tr> <td>Satoshi SUZUKI</td> <td>11/07/2007</td> </tr> <tr> <td>Tomoyuki ASADA</td> <td>11/07/2007</td> </tr> <tr> <td>Takayuki MATSUZUKA</td> <td>11/07/2007</td> </tr> <tr> <td>Teruyuki SHIMURA</td> <td>11/08/2007</td> </tr> </tbody> </table>		Name	Execution Date	Kazuya YAMAMOTO	11/07/2007	Satoshi SUZUKI	11/07/2007	Tomoyuki ASADA	11/07/2007	Takayuki MATSUZUKA	11/07/2007	Teruyuki SHIMURA	11/08/2007
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RECEIVING PARTY DATA													
Name:	Mitsubishi Electric Corporation												
Street Address:	7-3, Marunouchi 2-chome												
Internal Address:	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>11947831</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11947831								
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CORRESPONDENCE DATA													
Fax Number:	(202)737-6776												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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CH \$40.00 11947831

NAME OF SUBMITTER:

Jeffrey A. Wyand

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) <u>Kazuya YAMAMOTO</u> | (2) <u>Satoshi SUZUKI</u> |
| (3) <u>Tomoyuki ASADA</u> | (4) <u>Takayuki MATSUZUKA</u> |
| (5) <u>Teruyuki SHIMURA</u> | |

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

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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>Kazuya Yamamoto</u> Name: Kazuya YAMAMOTO	<u>November 7, 2007</u>
2) <u>Satoshi Suzuki</u> Name: Satoshi SUZUKI	<u>November 7, 2007</u>
3) <u>Tomoyuki Asada</u> Name: Tomoyuki ASADA	<u>November 7, 2007</u>
4) <u>Takayuki Matsuzuka</u> Name: Takayuki MATSUZUKA	<u>November 7, 2007</u>
5) <u>Teruyuki Shimura</u> Name: Teruyuki SHIMURA	<u>November 8, 2007</u>

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