

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MASAMI HAYASHI</td> <td>07/16/2013</td> </tr> <tr> <td>KENICHI MIYAMOTO</td> <td>07/16/2013</td> </tr> <tr> <td>NOBUAKI ISHIGA</td> <td>07/16/2013</td> </tr> <tr> <td>NAOKI TSUMURA</td> <td>07/16/2013</td> </tr> <tr> <td>KENSUKE NAGAYAMA</td> <td>07/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	MASAMI HAYASHI	07/16/2013	KENICHI MIYAMOTO	07/16/2013	NOBUAKI ISHIGA	07/16/2013	NAOKI TSUMURA	07/16/2013	KENSUKE NAGAYAMA	07/16/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>MITSUBISHI ELECTRIC CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8310</td> </tr> </table>		Name:	MITSUBISHI ELECTRIC CORPORATION	Street Address:	7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	100-8310		
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CORRESPONDENCE DATA													
<p>Fax Number: (703)390-1277 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703 390 9051 Email: info@sbpatentlaw.com Correspondent Name: STUDEBAKER & BRACKETT PC Address Line 1: 12700 SUNRISE VALLEY DRIVE Address Line 2: SUITE 102 Address Line 4: RESTON, VIRGINIA 20191</p>													
ATTORNEY DOCKET NUMBER:	005700-ME0056												
NAME OF SUBMITTER:	TIM L. BRACKETT, JR.												

OP \$40.00 14046782

Signature:	/Tim L. Brackett, Jr./
Date:	10/04/2013
<p>Total Attachments: 10</p> <p>source=DEC_ASN#page1.tif</p> <p>source=DEC_ASN#page2.tif</p> <p>source=DEC_ASN#page3.tif</p> <p>source=DEC_ASN#page4.tif</p> <p>source=DEC_ASN#page5.tif</p> <p>source=DEC_ASN#page6.tif</p> <p>source=DEC_ASN#page7.tif</p> <p>source=DEC_ASN#page8.tif</p> <p>source=DEC_ASN#page9.tif</p> <p>source=DEC_ASN#page10.tif</p>	

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION
FOR UNITED STATES LETTERS PATENT**

Title of Invention:

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私は、以下に記名された発明者として、ここに下記の通り
宣言する:

As a below named inventor, I hereby declare that:

本宣言書は、以下の出願に対するものである:

This declaration is directed to:

- ☐ 添付された出願、あるいは、
☐ 米国出願番号またはPCT国際出願番号は、
_____であり、且つ
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☐ said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

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AND WHEREAS Mitsubishi Electric Corporation of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

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発明者氏名 / Legal Name of Inventor Masami HAYASHI	
発明者の署名 / Signature <i>Masami Hayashi</i>	日付 / Date <i>July 16, 2013</i>

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Attorney Docket No. _____

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発明者氏名 / Legal Name of Inventor
Kenichi MIYAMOTO

発明者の署名 / Signature

日付 / Date

Kenichi Miyamoto

July 16, 2013

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発明者氏名 / Legal Name of Inventor Nobuaki ISHIGA	
発明者の署名 / Signature <i>Nobuaki Ishiga</i>	日付 / Date <i>July 16, 2013</i>

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Naoki TSUMURA	
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☐ said application having been filed under the Patent Cooperation Treaty on _____, as Serial No. _____, the United States of America being designated.

AND WHEREAS Mitsubishi Electric Corporation of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.

発明者氏名 / Legal Name of Inventor Kensuke NAGAYAMA	
発明者の署名 / Signature <i>Kensuke Nagayama</i>	日付 / Date <i>July 16, 2013</i>