

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Daisuke SHIMAMOTO</td> <td>06/25/2012</td> </tr> <tr> <td>Osamu MORIMOTO</td> <td>06/28/2012</td> </tr> <tr> <td>Yuji MOTOMURA</td> <td>07/16/2012</td> </tr> <tr> <td>Takayoshi HONDA</td> <td>06/25/2012</td> </tr> <tr> <td>Koji AZUMA</td> <td>06/28/2012</td> </tr> <tr> <td>Koji NISHIOKA</td> <td>06/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke SHIMAMOTO	06/25/2012	Osamu MORIMOTO	06/28/2012	Yuji MOTOMURA	07/16/2012	Takayoshi HONDA	06/25/2012	Koji AZUMA	06/28/2012	Koji NISHIOKA	06/28/2012
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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														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29426046</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29426046										
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Application Number:	29426046														
CORRESPONDENCE DATA															
Fax Number:															
Email: Sughrue@Sughrue.com, AHarewood@Sughrue.com															
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name: Sughrue Mion															
Address Line 1: 2100 Pennsylvania Ave. NW															
Address Line 4: Washington, DISTRICT OF COLUMBIA 20037															
ATTORNEY DOCKET NUMBER:	Q140198														
NAME OF SUBMITTER:	Andrew C. Harewood New App. Specialist														
Total Attachments: 2 source=Q140198_ASSIGNMENT#page1.tif source=Q140198_ASSIGNMENT#page2.tif															

OP \$40.00 29426046

Assignment

Whereas, We, Daisuke SHIMAMOTO, Osamu MORIMOTO, Yuji MOTOMURA, Takayoshi HONDA, Koji AZUMA, Koji NISHIOKA, of Chiyoda-ku, Japan, respectively, hereinafter called assignors, have invented certain improvements in HEAT MEDIUM RELAY UNIT and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 29/426,046 and Confirmation number 8386, filed June 29, 2012) the application number, confirmation number and filing date of said application when known.

Date:	<i>June 25, 2012</i>	<i>Daisuke Shimamoto</i>
	s/Daisuke SHIMAMOTO	
Date:	<i>June 28, 2012</i>	<i>Osamu Morimoto</i>
	s/Osamu MORIMOTO	
Date:	<i>July 16, 2012</i>	<i>Yuji Motomura</i>
	s/Yuji MOTOMURA	
Date:	<i>June 25, 2012</i>	<i>Takayoshi Honda</i>
	s/Takayoshi HONDA	

Date: June 28. 2012 Koji AZUMA
s/Koji AZUMA

Date: June 28. 2012 Koji Nishioka
s/Koji NISHIOKA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)