

PATENT ASSIGNMENT

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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>Miyuki TAKESHITA</td> <td>04/23/2009</td> </tr> <tr> <td>Akihiko IWATA</td> <td>04/27/2009</td> </tr> <tr> <td>Ikuro SUGA</td> <td>04/23/2009</td> </tr> <tr> <td>Shigeki HARADA</td> <td>04/23/2009</td> </tr> <tr> <td>Kenichi KAWABATA</td> <td>05/08/2009</td> </tr> <tr> <td>Takashi KUMAGAI</td> <td>04/28/2009</td> </tr> <tr> <td>Kenji FUJIWARA</td> <td>04/27/2009</td> </tr> </tbody> </table>		Name	Execution Date	Miyuki TAKESHITA	04/23/2009	Akihiko IWATA	04/27/2009	Ikuro SUGA	04/23/2009	Shigeki HARADA	04/23/2009	Kenichi KAWABATA	05/08/2009	Takashi KUMAGAI	04/28/2009	Kenji FUJIWARA	04/27/2009
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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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12519802</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12519802												
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CORRESPONDENCE DATA																	
Fax Number:	(703)413-2220																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	342696US																

OP \$40.00 12519802

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**PATENT
 REEL: 022876 FRAME: 0936**

NAME OF SUBMITTER:

Abdul Joya

Total Attachments: 2

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Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Miyuki TAKESHIITA
Akihiko IWATA
Ikuro SUGA
Shigeki HARADA
Kenichi KAWABATA
Takashi KUMAGAI
and Kenji FUJIWARA
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: RECTIFIER

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Mitsubishi Electric Corporation

(hereinafter referred to as "ASSIGNEE") having a place of business at: 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>April 23, 2009</u>	<u>MIYUKI TAKESHITA</u> (Signature of Inventor) Miyuki TAKESHITA
Date: <u>April 27, 2009</u>	<u>Akihiko Iwata</u> (Signature of Inventor) Akihiko IWATA
Date: <u>April 23, 2009</u>	<u>Ikuro Suga</u> (Signature of Inventor) Ikuro SUGA
Date: <u>April 23, 2009</u>	<u>Shigeki HARADA</u> (Signature of Inventor) Shigeki HARADA
Date: <u>May 8, 2009</u>	<u>Kenichi KAWABATA</u> (Signature of Inventor) Kenichi KAWABATA
Date: <u>April 28, 2009</u>	<u>Takashi KUMAGAI</u> (Signature of Inventor) Takashi KUMAGAI
Date: <u>April 27, 2009</u>	<u>Kenji Fujiwara</u> (Signature of Inventor) Kenji FUJIWARA

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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