

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>Kazunari MORITA</td> <td>07/13/2012</td> </tr> <tr> <td>Hiroki HIKOSAKA</td> <td>07/13/2012</td> </tr> <tr> <td>Yasuo ONODERA</td> <td>07/19/2012</td> </tr> <tr> <td>Hidetaka KATOUGI</td> <td>07/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kazunari MORITA	07/13/2012	Hiroki HIKOSAKA	07/13/2012	Yasuo ONODERA	07/19/2012	Hidetaka KATOUGI	07/13/2012
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<table border="1"> <tr> <td>Name:</td> <td>Mitsubishi Electric Corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-3, Marunouchi 2-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, 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	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN	Postal Code:	100-8310
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CORRESPONDENCE DATA											
<p>Fax Number: 2022937860 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060 Email: swells@sughrue.com,sughrue@sughrue.com Correspondent Name: SUGHRUE MION, PLLC Address Line 1: 2100 Pennsylvania Avenue NW, Suite 800 Address Line 4: Washington, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q142477										
NAME OF SUBMITTER:	Sharmeisa Wells, New Application Spec										
<p>Total Attachments: 1 source=ASSIGNMENT_FILED#page1.tif</p>											

OP \$40.00 13638410

PATENT

7 MDA-12079-US

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Mitsubishi Electric Corporation

7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

CONTROLLER OF ELECTRICAL DISCHARGE MACHINE

relating to International Patent Application PCT/JP2011/077971 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on September 28, 2012

Serial No. 13 638,410

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Kazunari Morita</u> (Signature)	Kazunari MORITA (Type Name)	<u>7/13/2012</u> (Date)
2) <u>Hiroki Hikosaka</u> (Signature)	Hiroki HIKOSAKA (Type Name)	<u>7/13/2012</u> (Date)
3) <u>Yasuo Onodera</u> (Signature)	Yasuo ONODERA (Type Name)	<u>7/14/2012</u> (Date)
4) <u>Hidetaka Katougi</u> (Signature)	Hidetaka KATOUGI (Type Name)	<u>7/13/2012</u> (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)

PATENT

RECORDED: 10/02/2012

REEL: 029063 FRAME: 0619