

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>Masao MURAI</td> <td>10/09/2012</td> </tr> <tr> <td>Tomoyuki FURUTA</td> <td>10/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Masao MURAI	10/09/2012	Tomoyuki FURUTA	10/09/2012						
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CORRESPONDENCE DATA													
<p>Fax Number: 7035185499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036841111 Email: bjhgroupp@ipfirm.com Correspondent Name: LOWE HAUPTMAN HAM & BERNER, LLP Address Line 1: 1700 DIAGONAL ROAD Address Line 2: SUITE 300 Address Line 4: ALEXANDRIA, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	4952-103												
NAME OF SUBMITTER:	Benjamin J. Hauptman												
<p>Total Attachments: 1 source=Assignment#page1.tif</p>													

OP \$40.00 13680392

PATENT

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
ASSIGNEE's
Name(s)
Address(es))

FANUC Corporation

3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597, 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)

WIRE ELECTRIC DISCHARGE MACHINE CAPABLE OF DETECTING MACHINING

STATE AND DETERMINING AVERAGE VOLTAGE IN MACHINING GAP

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

Insert date of
execution of
application, if
not concurrent)

(a) executed on

(b) filed on

Serial No. /

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).

(Signatures)

1)	<u>Masao Murai</u> (SIGNATURE)	Masao Murai (TYPE NAME)	October 9, 2012 (DATE)
2)	<u>Tomoyuki Furuta</u> (SIGNATURE)	Tomoyuki Furuta (TYPE NAME)	October 9, 2012 (DATE)
3)	 (SIGNATURE)	 (TYPE NAME)	 (DATE)
4)	 (SIGNATURE)	 (TYPE NAME)	 (DATE)
5)	 (SIGNATURE)	 (TYPE NAME)	 (DATE)
6)	 (SIGNATURE)	 (TYPE NAME)	 (DATE)
7)	 (SIGNATURE)	 (TYPE NAME)	 (DATE)
8)	 (SIGNATURE)	 (TYPE NAME)	 (DATE)