# 502080664 10/01/2012

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Yasuo ONODERA	09/03/2012
Takahiro SHIOZAWA	09/05/2012
Seiji SATOU	09/05/2012
Yoshikazu UKAI	09/05/2012
Hiroatsu KOBAYASHI	09/03/2012

#### RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION	
Street Address:	7-3, Marunouchi 2-chome	
City:	Chiyoda-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8310	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13574521

#### CORRESPONDENCE DATA

Fax Number: 2022937860

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-293-7060

Email: ecoimin@sughrue.com, sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC
Address Line 1: 2100 PENNSYLVANIA AVE., N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	Q141145
NAME OF SUBMITTER:	Elda M. Coimin, New Apps. Specialist

Total Attachments: 1

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PATENT REEL: 029056 FRAME: 0099 340.00 135/45

Docket No. Q141145

# Assignment

Whereas, We, Yasuo ONODERA, Takahiro SHIOZAWA, Seiji SATOU, Yoshikazu UKAI, and Hiroatsu KOBAYASHI of Chiyoda-ku, Japan, respectively, hereinafter called assignors, have invented certain improvements in NUMERICAL CONTROL DEVICE, WIRE ELECTRIC DISCHARGE MACHINING APPARATUS USING THE SAME, AND WIRE ELECTRIC DISCHARGE MACHINING METHOD USING THE SAME 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, 100-8310 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 13/574,521 and Confirmation number 5042, filed July 20, 2012) the application number, confirmation number and filing date of said application when known.

Date:	yasuo Onodera	9/3/20/2
	s/Yasuo ONODERA	
Date:	Takahiro Shiozawa	9/5- / 2012
	s/Takahiro SHIOZAWA	Δ. /
Date:	Seiji Sato	9/5/20/2
	s/ <b>S</b> eiji SATOU	
Date:	Yoshikazu Ukai	9/5/2012
	s/YoshiKazu UKAI	
Date:	Hîroatsu Kobayashi s/Hiroatsu KOBAYASHI	9/3/2012
	s/Hiroatsu KOBAYASHI	

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

PATENT REEL: 029056 FRAME: 0100

RECORDED: 10/01/2012