PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4189236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAORU HIRAGA	09/12/2016

RECEIVING PARTY DATA

Name:	FANUC CORPORATION	
Street Address:	3580, SHIBOKUSA AZA-KOMANBA	
Internal Address:	OSHINO-MURA	
City:	MINAMITSURU-GUN, YAMANASHI	
State/Country:	JAPAN	
Postal Code:	401-0597	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15381624

CORRESPONDENCE DATA

Fax Number: (703)518-5499

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: bjhgroup@ipfirm.com
Correspondent Name: HAUPTMAN HAM, LLP
Address Line 1: 2318 MILL ROAD

Address Line 1: 2318 MILL ROAD SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 4952-500

NAME OF SUBMITTER: BENJAMIN J. HAUPTMAN

SIGNATURE: /Benjamin J. Hauptman/

DATE SIGNED: 12/16/2016

Total Attachments: 1

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PATENT 504132950 REEL: 040641 FRAME: 0830

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Kaoru HIRAGA
- 2)
- 3)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto					
FANUC Corporation					
havin	having a piace of business at 3580, Shibokusa Aza-Komanba. Oshino-mura, Minamitsuru-gun. Yamanashi, 401-0597 Japan				
its successors and assigns (hereinafter designated "ASSIGNES") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled WIRE ELECTRIC DISCHARGE MACHINE					

(a)	for which an application for United States Letters Paidentified by United States Patent Application No.	atent was filed on and; or			
(b)	for which an application for United States Letters Pr	atent was executed on			
all Ur contin Prope agree applie ASSI applie ASSI	nited States Letters Patent which may be granted there nuations in part thereof, and the right to all benefits erty to the said ASSIGNEE, for its interest as ASSIGN is that the attorneys of record in said application shall be AND the undersigned hereby agrees to transfer cation for and obtaining original, divisional, reissued or GNEE, its successors, assigns and legal representatives entires for patent based thereon, growing out of or patents.	ted States Commissioner of Patents and Trademarks to issue any and fore and any and all extensions, divisions, reissues, continuations, or under the International Convention for the Protection of Industrial EE, its successors, assigns and legal representatives; the undersigned treafter act on behalf of said ASSIGNEE; a like interest, and to render all necessary assistance in making extended Letters Patent of the United States, upon request of the said is, and without further remuneration, in and to any improvements, and elated to the said invention; and to execute any papers by the said is, deemed essential to ASSIGNEE's full protection and title in and to			
	NED on the date indicated aside my signature:				
I) Nar	Kaoru Hiragw me: Kaoru HIRAGA	Saptember 12, 2016 Date:			
	me:	Date:			
3) Nai	me:	Date:			

PATENT REEL: 040641 FRAME: 0831

RECORDED: 12/16/2016