504939087 05/31/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT					
NATURE OF CONVEYANCE:	ASSIGNMENT					

CONVEYING PARTY DATA

Name	Execution Date		
SHIGEO YOSHIDA	11/10/2017		

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	15871556			

CORRESPONDENCE DATA

Fax Number: (610)407-0701

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.

Phone: 610-407-0700

Email: mleusky@ratnerprestia.com
Correspondent Name: ROBERT A. ESPOSITO

Address Line 1: 2200 RENAISSANCE BLVD. SUITE 350

Address Line 2: RATNERPRESTIA

Address Line 4: KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	SEIF-410US
NAME OF SUBMITTER:	ROBERT A. ESPOSITO
SIGNATURE:	/Robert A. Esposito/
DATE SIGNED:	05/31/2018

Total Attachments: 1

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PATENT REEL: 045953 FRAME: 0067

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	FANU	C CO	RPORATION								
ASSIGNEE's Name(s) Address(es))	3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun,										
	Yamaı	nashi	401-0597, Jap	an							
(Title of	transfers	to ASSI	IGNEE"), the receipt GNEE the entire and SOR ADJUST	exclusive	right, title and	interest t	o the inv	ention entitled			
Invention)											
	relating to	o Interni ited Stat	ational Patent Applicates was executed on a	ation PCT even date	/JP herewith or, if r	/ not so exe	ar cuted, wa	nd/or for which as:	h applicati	on for Letters 1	Patent
(Insert date of execution of application, if not concurrent)	(a) execu (b) filed o Serial	ted on _ n _Jan	November 10, 20 uary 15, 1018 15/_871,556	17 :	Assignee's data, when kn		is hereby i	authorized to in	asert in (b)	the specified	
	and to sai renewal, s Patent(s) i	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)").									
	enforcing said Lette proceeding including	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 WIT	NESS WHEREOF, the	undersig	ned inventor(s)	has (have	e) affixed	his/her/their	signature	s).	
(Signatures)	$_{\rm n}$ $5k$	igeo	Yoshida NATURE)	Shi	igeo Yoshid	a	N	ovembe	r 10,	2017	
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RECORDED: 05/31/2018

(SIGNATURE)