## 505714173 10/09/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHINICHIROU HAYASHI	09/11/2019

### **RECEIVING PARTY DATA**

Name:	FANUC CORPORATION
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16579128

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NAME OF SUBMITTER:	ROBERT A. ESPOSITO	
SIGNATURE:	/Robert A. Esposito/	
DATE SIGNED:	10/09/2019	

**Total Attachments: 1** 

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PATENT REEL: 050662 FRAME: 0970

# U.S. ASSIGNMENT

FANUC CORPORATION

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

ASSIGNEE's Name(s) Address(es))	3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597						
,	Japan	Japan					
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	A STATE OF THE STA						
		-					
	(hereinafter "ASSIGNEE"), the receipt of which transfers to ASSIGNEE the entire and exclusi		undersigned ASSIGNOR hereby sells, assigns a ne invention entitled	nd			
(Title of Invention)			·				
	ENCODER AND CONTROI	SYSTEM					
•	relating to International Patent Application Po of the United States was executed on even da	CT/JP/_ te herewith or, if not so execut	and/or for which application for Letters Pat ted, was:	ent			
(Insert date	(a) executed on:	Assignee's attorney is h	Assignee's attorney is hereby authorized to insert in (b) the specified				
of execution of application, if not concurrent)	(b) filed on September 23, 2019 Serial No. 16, 579, 128 :	data, when known.	story dumer to the or the loy me specycle				
		application based thereon, for	d on said application and any continuation, divi- r the full term or terms for which the said Letter hereinafter, "said application(s) and Letters				
	ASSIGNEE, to do all acts which the ASSIGNE enforcing protection for said invention, includ said Letters Patent(s), in any interference, reis proceeding which may arise or be declared in	E may deem necessary, desira ing in the preparation and pre saue, reexamination, or public relation to same, such acts to one, taking all rightful oaths, p	without charge to but at the expense of said ble or expedient, for securing, maintaining and secution of said application(s) and the issuance use proceeding, and in any litigation or other le include but not be limited to executing all pape providing sworn testimony, and obtaining and affixed his/her/their signature(s).	gal			
(Signatures)	Shin ichirou Hayashi S	hinichirou Hayashi	September 11, 2019				
(Signatures)	Shin ichiron Hayashi S (SIGNATURE)	(TYPE NAME)	(DATE)				
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	3)(SIGNATURE)	(TYPE NAME)	(DATE)				
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	5)(SIGNATURE)	(TYPE NAME)	(DATE)				
	6)(SIGNATURE)	(TYPE NAME)	(DATE)				
	7)(SIGNATURE)	(TYPE NAME)	(DATE)				
	(ORDINE ONLY)	(* * * * * * * * * * * * * * * * * * *	(merry)				
•	8)(SIGNATURE)	(TYPE NAME)	(DATE)				

PATENT REEL: 050662 FRAME: 0971

**RECORDED: 10/09/2019**