#### 504753085 01/30/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15878743

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TTORNEY DOCKET NUMBER: 4639-720	
NAME OF SUBMITTER: BENJAMIN J. HAUPTMAN	
SIGNATURE: /Benjamin J. Hauptman/	
DATE SIGNED:	01/30/2018

**Total Attachments: 1** 

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**PATENT** REEL: 044763 FRAME: 0820

## 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	FANUC CORPORATION					
ASSIGNEE's Name(s) Address(cs))	3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun,					
	Yamanashi 401-0597, Japan					
	(hereinafter "ASSIGNEE"), the receipt of v transfers to ASSIGNEE the entire and ex		e undersigned ASSIGNOR hereby sells, assi the invention entitled	gns and		
(Title of Invention)	DEVICE AND METHOD	OF CONTROLLING	MACHINE TOOL, TO CO	NTROL		
	SYNCHRONIZED OPERA	ATION OF SPINDLE	AXIS AND FEED AXIS	**********		
	relating to International Patent Application of the United States was executed on over	on PCT/JP/ m date herewith or, if not so execu	and/or for which application for Letter tied, was:	rs Patent		
(losert date of execution	(a) executed on	Assignes's automer is	hereby authorized to insert in (b) the specified	,		
of execution, if not concurrent)	(b) filed on Seriel No:  Assignee's automay is hereby authorized to insert in (b) the specified data, when known.					
	and to said application and all Letters Patentist 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 Patentist may be granted and including any extensions thereof (collectively, hereinaker, "said application(s) and Letters Fatentist").					
	ASSIGNEE, to do all acts which the ASSI enforcing protection for said invention, ir said Letters Patent(s), in any interference proceeding which may arise or be declare	GNEE may deem necessary, desis wholing in the preparation and p o, reissue, reexamination, or publi ed in relation to same, such acts t	I without charge to but at the expense of se able or expedient, for securing, maintaining resecution of said application(s) and the iss to use proceeding, and in any litigation or of o include but not be limited to executing all providing sworn testimony, and obtaining	g and wance of ther legal I papers,		
		undersigned inventor(s) has (have)	affixed his/her/their signature(s).			
(Signatures)	1) Taylouty Olista 2) Yunhi Morita (SIGNATURE)	Tadashi Okita	January 9, 2018			
	A A AA ~	(TYPE NAME)	lourel			
	2/Yunhi Morna	Yuuki Morita (TYPE NAME)	January 9, 2018			
	Orivel Talian	Daisuke Tajima	January 9, 2018			
	3) VIVAPAGU (I PAVIAU) (SIGNATURE)	(TYPE NAME)	(DATE)			
	4) (SIGNATURE)	(TYPE NAME)	(DATE)			
	ess					
	(SIONATURE)	(TYPE NAME)	(DATE)			
	6)(SIGNATURE)	(Type name)	(DATE)			
	7)(SIGNATURE)	(TYPE NAME)	(DATE)			

PATENT REEL: 044763 FRAME: 0821

**RECORDED: 01/30/2018**