PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIYA TAKEDA	07/19/2019
YOUHEI SUZUKI	07/19/2019

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:	16547575

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.

Phone: 7036841111

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

Address Line 2: SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 4639-858

NAME OF SUBMITTER: BENJAMIN J. HAUPTMAN

SIGNATURE: /Benjamin J. Hauptman/

DATE SIGNED: 08/22/2019

Total Attachments: 1

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PATENT 505634621 REEL: 050133 FRAME: 0143

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(es))	3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597,						
	Japan	Japan					
	(bereinafter "ASSIGNEE"), the receipt o transfers to ASSIGNEE the entire and o		undersigned ASSIGNOR hereby sells, assigns ar he invention entitled	bn			
(Title of Invention)	TEACHING DEVICE F	OR LASER MACHININ	IG				
	relating to International Patent Applica of the United States was executed on e	tion PCT/JP	and/or for which application for Letters Pate ed, was:	-nt			
(Insert date of execution	(a) executed on	Assignee's altorney is h	ereby authorized to insert in (b) the specified				
of application, if not concurrent)	(b) filed on	data, when known.					
	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)"). 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.						
	•	undersigned inventor(s) has (have) a					
(Signatures)	1) Toshoya Talceda (SIGNATURE)	Toshiya Takeda	July 19, 2019				
	2) Youhei Suzuki	Youhei Suzuki	July 19, 2019				
	(SIGNATURE)	(TYPE NAME)	(DATE)				
	3)(SIGNATURE)	(TYPE NAME)	(DATE)				
	4)(SIGNATURE)	(TYPE NAME)	(DATE)				
	5)(SIGNATURE)	(TYPE NAME)	(DATE)				
	6)(SIGNATURE)	(TYPE NAME)	(DATE)				
	7](SIGNATURE)	(TYPE NAME)	(DATE)				

(TYPE NAME)

PATENT REEL: 050133 FRAME: 0144

(DATE)

RECORDED: 08/22/2019

(SIGNATURE)