505721275 10/14/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI IZUMI	07/16/2019

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:	16539352

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: 6104070700

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:	ER: SEIF-504US	
NAME OF SUBMITTER: ROBERT A. ESPOSITO		
SIGNATURE:	/Robert A. Esposito/	
DATE SIGNED:	10/14/2019	

Total Attachments: 1

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PATENT REEL: 050704 FRAME: 0439

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	•					
	(1/4)						
:	<u> </u>		**************************************				
	,						
	(hereinafter "ASSIGNEE"), the rece transfers to ASSIGNEE the entire	eipt of which is hereby acknowledged, the and exclusive right, title and interest to	e undersigned ASSIGNOR hereby sens the invention entitled	, assigns and			
(Title of Invention)	LASER PROCESSIN	G SYSTEM, JET OBSE	RVATION APPARATUS,	LASER			
IIIABIverani	PROCESSING METH	OD, AND JET OBSERVA	ATION METHOD				
·	relating to International Patent Ap of the United States was executed	oplication PCT/JP on even date herewith or, if not so execu	and/or for which application for uted, was:	Letters Patent			
(Insert date of execution of application,	(a) executed on	Assim##'s attarney is	hereby authorized to insert in (b) the spe	cified			
	(b) filed on August 13, 20	19 data, when known.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
if not: concurrent)	Serial No. 16/ 539.3	352					
	renewal, substitute, reissue or res Patent(s) may be granted and inch Patent(s)"). The ASSIGNOR agree(s) ASSIGNEE, to do all acts which the enforcing protection for said inver- said Letters Patent(s), in any inter-	ters Patent(s) of the United States grant examination application based thereon, funding any extensions thereof (collectively), when requested by said ASSIGNEE and the ASSIGNEE may deem necessary, design rition, including in the preparation and preference, reissue, reexamination, or public declared in relation to same, such acts to	or the till term or terms for which the y, hereinafter, "said application(s) and d without charge to but at the expense rable or expedient, for securing, maint rosecution of said application(s) and the ic use proceeding, and in any litigation to include but not be limited to execution	of said aining and to issuance of or other legal ng all papers,			
	including separate assignments a producing evidence.	nd declarations, taking all rightful oaths F, the undersigned inventor(s) has (have)	, providing sworn testimony, and obtain	ring and			
		Takashi Izumi	July 16, 2019				
(Signatures)	1) lakashi Laumi (SIGNATURE)	(TYPE NAME)	(DATE)	-			
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	2) (SIGNATURE)	(TYPE NAME)	(DATE)	•			
		•					
	3) (SIGNATURE)	(TYPE NAME)	(DATE)				
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	4) (SIGNATURE)	(TYPE NAME)	(DATE)	٠			
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	(SIGNATURE)	(TYPE NAME)	(DATE)				
	6) (SIGNATURE)	(TYPE NAME)	(DATE)				
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	7)(SIGNATURE)	(TYPE NAME)	(DATE)				
	8)(SIGNATURE)	(TYPE NAME)	(DATE)				

PATENT REEL: 050704 FRAME: 0440

RECORDED: 10/14/2019