504847767 04/02/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4894504 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUAKI KOYAMA	03/13/2018
KOUJI SATOU	03/13/2018

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:	15941342

CORRESPONDENCE DATA

Fax Number: (612)492-7077

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: 612-492-7000

Email: akrull@fredlaw.com, ip@fredlaw.com

FREDRIKSON & BYRON **Correspondent Name:** Address Line 1: 200 SOUTH SIXTH STREET

Address Line 2: **SUITE 4000**

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: 69592.2084.1 NAME OF SUBMITTER: NATALIE D. KADIEVITCH SIGNATURE: /Natalie D. Kadievitch/ **DATE SIGNED:** 04/02/2018

Total Attachments: 1

source=69592.2084.1 ASSG#page1.tif

PATENT REEL: 045408 FRAME: 0175

504847767

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 ASSIGNEE's	FANUC CORPORATION				
Name(s) Address(es)	3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597, Japan				

	(hereinafter "Assignee"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby solls, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled				
(Title of invention)	SIMULATION APPARATUS, PROGR	AM GENERATING DEVICE, COM			
	METHOD FOR COMPUTER				
	relating to International Patent Application PCT of the United States was executed on even date		or for which application for Letters Patent		
(Insert date of execution	(a) executed on				
of application, if not concurrent)	(b) filed on March 30, 2018 Assignee's attorney is hereby authorized to insert in (b) the				
	Script No. 15 / 941,342 specified 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 change 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, recembination, 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 aworn testimony, and obtaining and producing evidence.				
	•	raigned inventor(s) has (have) fixed his	s/her/their signature(s).		
(Signatures)	n Yasuaki Koyama	Yasuaki Koyama (TYPE NAME)	March 13, 2018		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	2) Kovyi Satom	Kouji Satou (TYPE NAME)	March 13, 2018 (DATE)		
		(13PE NAMU)	(myrz)		
	3)(SIGNATURE)	(TYPE NAME)	(DATE)		
	4)(SIGNATURE)	(TYPE NAME)	(DATE)		
	5)(SIGNATURE)	(TYPE NAME)	(DATE)		

PATENT REEL: 045408 FRAME: 0176

RECORDED: 04/02/2018