PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOKAZU KAYANUMA	10/27/2016

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:	15423784

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.

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Email: bjhgroup@ipfirm.com Correspondent Name: HAUPTMAN HAM, LLP

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ATTORNEY DOCKET NUMBER:	4952-517	
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN	
SIGNATURE:	/Benjamin J. Hauptman/	
DATE SIGNED:	02/03/2017	

Total Attachments: 1

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PATENT REEL: 041173 FRAME: 0716

504212963

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) T	emokeze KAYANUMA	
2)		
3)		
who has made a c	ertain new and useful invention, hereby sells, assigns as	nd transfers unto
EANUC Corp	noilera	•
having a place of	<u>husinės at 3580, Shibokusa Aza-Komanba, O</u>	shino-mura, Minamitsuru-gun,
Yamanashi, 4	01-8597 Japan	
its successors and as defined in 35 U	assigns (hereinafter designated "ASSIGNEE") the entire	right, title and interest for the United States of America
PRO	GRAM GENERATION DEVICE GENERATING	PROGRAM FOR GROOVE MACHINING
BY DRIL	LING	
		on and
(a) for which identifies	h an application for United States Letters Patent was filed I by United States Patent Application No.	; or
all United States continuations-in-property to the sa agrees that the atternal AND the application for an ASSIGNEE, its supplications for a ASSIGNEE, its supplications for a the invention here	ed hereby authorizes and requests the United States Cot Letters Patent which may be granted therefore and any left thereof, and the right to all benefits under the int id ASSIGNEE, for its interest as ASSIGNEE, its successormeys of record in said application shall hereafter act on the undersigned hereby agrees to transfer a like intered diobtaining original, divisional, reissued or extended Let successors, assigns and legal representatives, and without extent based thereon, growing out of or related to the successors, assigns and legal representatives, deemed ex- by transferred.	and all extensions, divisions, reissues, continuations, or ernational Convention for the Protection of Industrial sorrs, assigns and legal representatives; the undersigned behalf of said ASSIONEE; st, and to render all necessary assistance in making ters Patent of the United States, upon request of the said further remaneration, in and to any improvements, and said invention; and to execute any papers by the said
	\$	
1) Tok Name: Tomok	Lolenzu Kayanuma BEU KAYANUMA	Ostobar 27, 2016 Date:
2) Name:		Date:
3) Name:		Date:

PATENT REEL: 041173 FRAME: 0717

RECORDED: 02/03/2017