# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5692801 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ATSUSHI HORIUCHI	05/28/2019
HIROYASU ASAOKA	05/28/2019
KENJIROU SHIMIZU	05/28/2019

## **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:	16554624

## **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: 4952-644

NAME OF SUBMITTER: BENJAMIN J. HAUPTMAN

SIGNATURE: /Benjamin J. Hauptman/

DATE SIGNED: 08/29/2019

**Total Attachments: 1** 

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PATENT REEL: 050208 FRAME: 0341

Docket No.: 4952-644

# 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) Atsushi HORIUCHI
- 2) Hiroyasu ASAOKA
- 3) Kenjirou SHIMIZU

WBO	has made a centain new and useful invention, hereby sells	, assigns and transfers unto			
FA?	NUC Corporation				
havir	ig a place of business at 3580, Shibokusa Aza-Kon	ianba, Oshino-mura, Minamitsuru-	gun,		
Yan	nanashi, 401-0597 Japan				
its su as de:	its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of Americ as defined in 35 U.S.C. 100 in the invention entitled				
	STATE DETERMINATION DEVICE AND ST	ATE DETERMINATION METHOD			
(a)	for which an application for United States Letters Pater identified by United States Patent Application No.	nt was filed on	and		
(b)	for which an application for United States Letters Pater				
agree: applic ASSI applic ASSI	orly to the said ASSIGNEE, for its interest as ASSIGNEE is that the attorneys of record in said application shall herea AND the undersigned hereby agrees to transfer a sation for and obtaining original, divisional, reissued or extension for and obtaining original, divisional, reissued or extensions for patent based thereon, growing out of or relations for patent based thereon, growing out of or relationse, its successors, assigns and legal representatives, divention hereby transferred.	fler act on behalf of said ASSIGNEE; like interest, and to render all necessary as lended Letters Patent of the United States, upond without further remuneration, in and to any ed to the said invention; and to execute any	ssistance in making on request of the said of improvements, and of papers by the said		
SIGN.	ED on the date indicated aside my signature:	#			
1) Nan	Atsushi Horiuchi ne: Atsushi HORIUCHI	May 28, 2019 Date:	<del></del>		
2) Nam	Hiroyash Asaoka ne: Hiroyash Asaoka	May 28, 2019 Date:			
3) Nam	Kenjirou Shimizu	May 28, 2019 Date:			

**PATENT REEL: 050208 FRAME: 0342** 

**RECORDED: 08/29/2019**