

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOHEI KAMIYA	02/20/2017
YASUO YAMADA	02/20/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FANUC CORPORATION
<b>Street Address:</b>	3580, SHIBOKUSA AZA-KOMANBA,
<b>Internal Address:</b>	OSHINO-MURA, MINAMITSURU-GUN
<b>City:</b>	YAMANASHI
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	401-0597
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15481575
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)518-5499
<i>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.</i>	
<b>Phone:</b>	7036841111
<b>Email:</b>	bjhgroup@ipfirm.com
<b>Correspondent Name:</b>	HAUPTMAN HAM, LLP
<b>Address Line 1:</b>	2318 MILL ROAD, SUITE 1400
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	4639-636
<b>NAME OF SUBMITTER:</b>	BENJAMIN J. HAUPTMAN
<b>SIGNATURE:</b>	/Benjamin J. Hauptman/
<b>DATE SIGNED:</b>	04/09/2017
<b>Total Attachments: 1</b> source=F-Assignment#page1.tif	

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

FANUC CORPORATION

(Insert ASSIGNEE's 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 sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

MACHINE LEARNING DEVICE AND MACHINE LEARNING METHOD FOR LEARNING FAULT PREDICTION OF

MAIN SHAFT OR MOTOR WHICH DRIVES MAIN SHAFT, AND FAULT PREDICTION DEVICE AND FAULT

PREDICTION SYSTEM INCLUDING MACHINE LEARNING DEVICE

relating to International Patent Application PCT/JP \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(insert date of execution of application, if not concurrent)

(a) executed on \_\_\_\_\_;

(b) filed on \_\_\_\_\_;

Serial No. \_\_\_\_\_/\_\_\_\_\_;

Assignee's attorney is hereby authorized to insert in (b) the 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 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.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) Yohei Kamiya (SIGNATURE) Yohei Kamiya (TYPE NAME) February 20, 2017 (DATE)

2) Yasuo Yamada (SIGNATURE) Yasuo Yamada (TYPE NAME) February 20, 2017 (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)

8) \_\_\_\_\_ (SIGNATURE) \_\_\_\_\_ (TYPE NAME) \_\_\_\_\_ (DATE)

PATENT