PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KUNIO TSUCHIDA	07/28/2017
TAKU SASAKI	07/28/2017
KIICHI INABA	07/28/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15692325

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ATTORNEY DOCKET NUMBER:	SEIF-382US	
NAME OF SUBMITTER:	ROBERT A. ESPOSITO, REG. NO. 65,071	
SIGNATURE:	/Robert A. Esposito/	
DATE SIGNED:	01/12/2018	

Total Attachments: 1

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PATENT REEL: 044606 FRAME: 0112

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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) 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Address(es)) 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 DETECTION CIRCUIT NOT AFFECTED (Title of Invention) and/or for which application for Letters Patent (a) executed on July 28, 2017 (Insert date Assignee's attorney is hereby authorized to insert in (b) the specified of execution August 31, 2017 data, when known. of application, if not concurrent) 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). Kunio Tsuchida July 28, 2017 (Signatures) (TYPE NAME) (DATE) Taku Sasaki 28, 2017 (DATE) (TYPE NAME) Kiichi Inaba July 28, 2017 (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

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PATENT REEL: 044606 FRAME: 0113

(DATE)

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RECORDED: 01/12/2018

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