PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKAHIRO MORI	08/09/2021

RECEIVING PARTY DATA

Name:	FUJI ELECTRIC CO., LTD.	
Street Address:	1-1, TANABESHINDEN, KAWASAKI-KU	
City:	KAWASAKI-SHI, KANAGAWA	
State/Country:	JAPAN	
Postal Code:	210-9530	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17412987

CORRESPONDENCE DATA

Fax Number: (703)573-2514

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: (202)371-8976

Email: firm@rabinberdo.com **Correspondent Name:** RABIN & BERDO, P.C.

Address Line 1: 2650 PARK TOWER DRIVE, SUITE 800

Address Line 4: VIENNA, VIRGINIA 22180

ATTORNEY DOCKET NUMBER:	ISS-137BC
NAME OF SUBMITTER:	HUI ZHANG
SIGNATURE:	/Hui Zhang/
DATE SIGNED:	08/26/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT 506839034 REEL: 057301 FRAME: 0039

Attorney Reference: ISS-137BC

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Takahiro MORI, hereinafter referred to collectively as the assignor(s) and inventor(s), has (have) invented a certain improvement relating to CURRENT GENERATION CIRCUIT, DRIVE CIRCUIT, AND CURRENT ADJUSTMENT METHOD [] said application being attached hereto; [] said application having been filed in the United States Patent and Trademark Office on ______, as Application Serial No. ______, and was amended on ______ (if applicable); [X] the specification of which was filed under the Patent Cooperation Treaty on September 4, 2020, Serial No. PCT/JP2020/033616, the United States of America being designated. AND WHEREAS FUJI ELECTRIC CO., LTD. of Kawasaki-shi, Kanagawa, Japan, hereinafter referred to as the assignee(s) or applicant(s), is (are) desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. As an above-named inventor. I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Address all correspondence and telephone calls to Rabin & Berdo, P.C., 2650 Park Tower Drive, Suite 800, Vienna, Virginia 22180, Telephone: (202) 371-8976, Fax: (703) 573-2514, Customer No. 23995. WITNESS: Signature: Superhiro Mori

Legal Name: Takahiro MORI

Date: August 9, 2021 Signature:_____ Name: _____ Address: ______

RABIN & BERDO, P.C.

PATENT REEL: 057301 FRAME: 0040