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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA	· ·	
	Name	Execution Date
NOBUYUKI MASUDA		02/17/2020
TAKATO SUGAWARA 02/13/2020		02/13/2020
RECEIVING PARTY DATA		
Name: FUJ	I 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:	16807099

(202)408-0924

CORRESPONDENCE DATA

Fax Number:

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:	1101 14TH ST., N.W., SUITE 500
Address Line 4:	WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	INF-116BC
NAME OF SUBMITTER:	HUI ZHANG
SIGNATURE:	/Hui Zhang/
DATE SIGNED:	03/02/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Nobuvuki MASUDA and Takato SUGAWARA, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

POWER FACTOR IMPROVEMENT CIRCUIT AND SEMICONDUCTOR APPARATUS.

[x] 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);

[] the specification of which was filed under the Patent Cooperation Treaty on January 22, 2019, Serial No. <u>PCT/JP2019/001878</u>, the United States of America being designated.

AND WHEREAS FUJI ELECTRIC CO., LTD., a corporation of Japan, having a place of business at 1-1. Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawe 210-9530 Japan, hereinafter referred to as the assignee or applicant, is 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 assigner, the receipt of which is hereby acknowledged, said assigner 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 assigne, in as ample and beneficial a manner as the said assigner 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., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

WITNE	SS:
A	~~~ c

Signature:	Signature:
Name:	Legal Narr
Address:	Date: 7

ASSIGNOR (SOLE OR FIRST INVENTOR):

Signature: // / /	Unizaki Murada	
Legal Name: <u>No</u>	<u>ybuyuki MASUDA</u>	
Date: Teling	241 M. 2020	
v	<i>0 1</i>	

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Continued – Page 2 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

	/ENTOR):

Signature:	Signature: Takato Juganara
Name:	Legal Name: <u>Takato SUGAWARA</u>
Address:	Date: <u>Jelouranys 13, 2020</u>

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RABIN & BERDO, P.C., Washington, D.C.

PATENT REEL: 051984 FRAME: 0908

RECORDED: 03/02/2020