PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7612399

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSUKE SAKURAI	11/18/2020
SEIJI NOGUCHI	11/18/2020
TORU AJIKI	11/18/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17970601

CORRESPONDENCE DATA

Fax Number: (000)000-0000

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.

(949) 508-0195 Phone:

Email: usdocket@ryuka.com RYUKA USA LLP **Correspondent Name:**

JP CALIMAN, 3 CORPORATE PARK Address Line 1:

Address Line 2: SUITE 250

Address Line 4: **IRVINE, CALIFORNIA 92606**

	<u> </u>	
ATTORNEY DOCKET NUMBER:	FE-0544PCTUS2	
NAME OF SUBMITTER:	F SUBMITTER: WILLIAM H BOLLMAN	
SIGNATURE:	/William H Bollman/	
DATE SIGNED:	10/26/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
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Total Attachments: 3

PATENT REEL: 061552 FRAME: 0302

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> PATENT REEL: 061552 FRAME: 0303

Applicant Ref. No.: 18P51070US Attorney Docket No.: FE-0544PCTUS

COMBINED DECLARATION(37 CFR § 1.63) FOR UTILITY DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR § 1.76) AND ASSIGNMENT

As the below named inventor, I hereby declare that:

This declaration is directed to the application entitled <u>SEMICONDUCTOR DEVICE</u>, and bearing Attorney Docket No. <u>FE-0544PCTUS</u>.

The above-identified application was made or was authorized to be made by me.

I believe 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.

WHEREAS I, the undersigned inventor, hereafter also referred to as "assignor", have invented certain new and useful improvements described in the above identified application; and

WHEREAS, <u>FUJI ELECTRIC CO.</u>, <u>LTD.</u> hereinafter also referred to as "assignee", whose address is 1-1, <u>Tanabeshinden</u>, <u>Kawasaki-ku</u>, <u>Kawasaki-shi</u>, <u>Kanagawa 210-9530 Japan</u>, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Conventions of Paris (1883), as amended, of or in any corresponding foreign patent application, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns.

Legal Name of Inventor	Yosuke SAKUKAI	
Inventor's Signature	Yosuke Sakurai	Date November 18, 2020

PATENT REEL: 061552 FRAME: 0304

Applicant Ref. No.: 18P51070US Attorney Docket No.: FE-0544PCTUS

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WHEREAS, <u>FUJI ELECTRIC CO.</u>, LTD. hereinafter also referred to as "assignee", whose address is 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 Japan, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Conventions of Paris (1883), as amended, of or in any corresponding foreign patent application, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns.

Legal Name of Inventor		Seiji NOGUCHI	***************************************		
Inventor's Signature	Seili.	Noguchi	Date	November 18.	2010

Applicant Ref. No.: 18P51070US Attorney Docket No.: FE-0544PCTUS

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Legal Name of Inventor	Toru AJIKI	
Inventor's Signature	loru Ajiki	Date November (8. 2020

PATENT REEL: 061552 FRAME: 0306

RECORDED: 10/26/2022