### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AKIHIRO JONISHI	09/02/2015
MASASHI AKAHANE	09/04/2015

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14853972

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)408-0924

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.

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

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ATTORNEY DOCKET NUMBER:	FEC-686BC1
NAME OF SUBMITTER: STEVEN M. RABIN	
SIGNATURE:	/Steven M. Rabin/
<b>DATE SIGNED:</b> 09/14/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 2**

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PATENT 503478894 REEL: 036561 FRAME: 0434

Attorney Reference: FEC-686BC1

## ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Akihin	ro JONISHI and Masashi AKAHANE, hereinafter re	ferred to collectively as the
assignor and inventor, has	s invented a certain improvement relating to <u>SEMICON</u>	DUCTOR DEVICE.
[X] said application being	gattached hereto;	•
	ng been filed in the United States Patent and Trademan, and was amended on	
[ ] the specification of wh	nich was filed under the Patent Cooperation Treaty on _	
Serial No.	the United States of America being designated.	
AND WHEREAS	FUILELECTRIC CO., LTD, of 1-1 Tanabeshing	den, Kawasaki-ku,
	Kawasaki-shi 210-9530, JAPAN	
and to said application, in	the assignee or applicant, is desirous of acquiting the en- cluding any and all divisions and continuations thereof, hich may be granted therefor, including any and all rene	and in and to said invention

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 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 commutations 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 assignce, 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.

PATENT REEL: 036561 FRAME: 0435

Attorney Reference; FEC-686BC1

# ${\color{blue} Continued-Page~2}\\ ASSIGNMENT~OF~AND~DECLARATION~FOR~APPLICATION~FOR~UNITED~STATES~LETTERS~PATENT$

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.

WITNESS:	ASSIGNOR (SOLE, OR FIRST INVENTOR):
Signature:	Signature: <u>UkiMikor Jornishi</u>
Name:	Legal Name: Akihiro JONISHI
Address:	Date: 34x 2015
	/
WITNESS:	ASSIGNOR (SECOND LYVENTOR);
Signature:	Signature: <u>Masaski Akahane</u>
Name:	Legal Name: Masashi AKAHANE
Address:	Date: <u>September 4, 2015</u>

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

PATENT REEL: 036561 FRAME: 0436

**RECORDED: 09/14/2015**