PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3293879

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S ADDRESS previously recorded on Reel 031844 Frame 0309. Assignor(s) hereby confirms the ASSIGNEE'S ADDRESS.

CONVEYING PARTY DATA

Name	Execution Date
KAZUKO OGAWA	09/27/2013

RECEIVING PARTY DATA

Name:	SANKEN ELECTRIC CO., LTD.	
Street Address:	3-6-3, KITANO	
City:	NIIZA-SHI, SAITAMA	
State/Country:	JAPAN	
Postal Code:	352-8666	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14036637

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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) 824-3000

Email: bwptopat@bannerwitcoff.com, THightower@bannerwitcoff.com

BANNER & WITCOFF, LTD. **Correspondent Name:**

1100 13TH ST. NW Address Line 1:

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	036777.00047
NAME OF SUBMITTER:	CHUNHSI ANDY MU
SIGNATURE:	/Chunhsi Andy Mu/
DATE SIGNED:	04/02/2015

Total Attachments: 6

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 2823
Kazuko Ogawa) Docket No. 036777.00047
Serial No. 14/036,637) Confirmation No: 8044
Filed: September 25, 2013)

For: Semiconductor Device Having an Insulated Gate Bipolar Transistor

CORRECTION OF NOTICE OF RECORDATION 37 C.F.R. 3.34

U.S. Patent and Trademark Office Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314

Dear Sir:

The Applicant has noted an error in the Notice of Recordation recorded on December 24, 2013, at Reel 031844, Frame 0309. Specifically, the Assignee's address is incorrect. Please remove "3-6-3 Kitano $\underline{\mathbf{Y}}$ Niiza-shi, Saitama, Japan" and replace it with -- "3-6-3 Kitano Niiza-shi, Saitama, Japan --.

No fee is believed to be associated with this request. Nonetheless, should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

Dated: March 31, 2015

By: /Chunhsi Andy Mu/
Chunhsi Andy Mu

Reg. No. 58,216

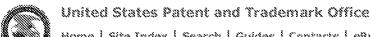
Banner & Witcoff, Ltd. 1100 13th Street, N.W., Suite 1200 Washington, D.C. 20005-4051 (202) 824-3000

Attorney Docket No.

Page 1 of 1

COMBINED DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	SEMICONDUCTOR DEVICE
	DECLARATION
As a below named inventor,	I hereby declare that:
This declaration is a	'
	ached application, or
	States application, or PCT international application number filed on
	he original inventor or an original joint inventor of a claimed invention in the above-identified application.
	· · · · · · · · · · · · · · · · · · ·
	d application was made or authorized to be made by me.
	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or
imprisonment of not more t	ASSIGNMENT
WHEREAS, I, a below named	Inventor/Assignor, have invented the above invention, having the following application number and filing
date:	
	September 25, 2013
U.S	. Application No, filed
	l hereby authorize the attorneys for Assignee to insert the filing date and application number immediately own and prior to recording this document.
WHEREAC CANPEN ELECTR	C CO., LTD., a corporation duly organized under the laws of Japan, and having its offices and a place of
	iiza-shi, Saitama, 352-8666 Japan ("Assignee"), is desirous of acquiring the entire right, title and interest in
	ons and in and to all applications and Letters Patent therefor granted in the United States of America, and
in any and all countries fore	· · · · · · · · · · · · · · · · · · ·
in any and an countries fore	gn dieleto.
NOW, THEREFORE, TO WH	OM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary and/or
payment for the making of	inventions, or employee benefits, the receipt and sufficiency of which are hereby acknowledged, I said
Assignor, by these presents	do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and
exclusive right, title and inte	erest for the territory of the United States of America and all countries foreign thereto, and throughout the
world and in space, (includi-	ng the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights
for such foreign application:	s to which such applications are entitled under international conventions, treaties, or otherwise), in and to
said inventions and in and	to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues,
reexaminations, continuation	ons, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their
associated goodwill, trade se	ecrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions.
I hereby authorize and requ	est the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent
	ting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and
	rrant that I have full right to agree to, execute, and deliver this assignment.
	further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors,
	and all facts known to me regarding said inventions whenever requested, and that I will execute all non-
provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign	
all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and	
nominees, to obtain and en	orce proper patent protection for said inventions in all countries.
INVENTOR/ASSIGNOR	
Legal Name: Kazuko OGA	AWA
Logar Mainer Makano o or	
Signature: Kazuki	o OGAWA
Date: September	27. 2013





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Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	: NEW ASSIGNMENT		
NATURE OF CONVEYANCE	E:	ASSIGNMENT	
CONVEYING PARTY DATA			
Name Execution Date			
KAZUKO OGAWA	KO OGAWA 09/27/2013		
RECEIVING PARTY DATA			
Name: SANKE	SANKEN ELECTRIC CO., LTD.		
Street Address: 3-6-3, K	3-6-3, KITANO		
Internal Address: Y	Y		
City: NIIZA-S	NIIZA-SHI, SAITAMA		
State/Country: JAPAN			
Postal Code: 352-866	6		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14036637

CORRESPONDENCE DATA

Fax Number: (202)824-3001

Phone: (202) 824-3000

Email: bwptopat@bannerwitcoff.com, chazel@bannerwitcoff.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: BANNER & WITCOFF, LTD.
Address Line 1: 1100 13TH ST. NW

Address Line 2: STE 1200

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET
NUMBER: 036777.00047

NAME OF SUBMITTER: C. ANDY MU

Signature: /Chunhsi Andy Mu/

Date: 12/24/2013

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

source=Combined Declaration and Assignment - Filed as Assignment#page1.tif

RECEIPT INFORMATION

RECORDED: 04/02/2015

 EPAS ID:
 PAT2659648

 Receipt Date:
 12/24/2013

 Fee Amount:
 \$40

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