502613118 12/24/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Total Attachments: 1

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

EPAS ID: PAT2659648

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
		1	Name	Execution Date		
KAZUKO OGAWA				09/27/2013		
RECEIVING PARTY	DATA					
Name: SANKEN ELECTRIC			CO., LTD.			
Street Address:	3-6-3, KITANO	3-6-3, KITANO				
Internal Address:	Υ	Y				
City:	NIIZA-SHI, SA	NIIZA-SHI, SAITAMA				
State/Country:	JAPAN	JAPAN				
Postal Code:	352-8666	352-8666				
Property Type Application Number:		Number 14036637				
CORRESPONDENC		11000				
CONNECTION DATA						
Fax Number: (202)824-300						
Phone: (202) 824-3000 Email: bwptopat@bannerwitcoff.com, chazel@bannerwitcoff.com						
		-	the email attempt is unsuccessful.			
Correspondent Name			WITCOFF, LTD.			
Address Line 1: 1100 13TH ST. NW						
Address Line 2:	STE 1200					
Address Line 4:	VVA:	SHINGI	ON, 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).		

PATENT

502613118 REEL: 031844 FRAME: 0309

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 directed to: The attached application, or United States application or PCT international application number filed on I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application. The above-identified application was made or authorized to be made by me. 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.					
ASSIGNMENT					
WHEREAS, I, a below named Inventor/Assignor, have invented the above invention, having the following application number and filing date:					
U.S	September 25, 2013 filed				
If the above lines are blank, I hereby authorize the attorneys for Assignee to insert the filing date and application number immediately above after they become known and prior to recording this document.					
WHEREAS, SANKEN ELECTRIC CO., LTD., a corporation duly organized under the laws of Japan, and having its offices and a place of business at 3-6-3, Kitano, Niiza-shi, Saitama, 352-8666 Japan ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:					
NOW, THEREFORE, TO WHOM 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 interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications 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, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions.					
I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment.					
I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any 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 enforce proper patent protection for said inventions in all countries.					
INVENTOR/ASSIGNOR Legal Name: Kazuko OGAWA					
Signature: Kazuko OGAWA					
Date: September 27. 2013					

PATENT REEL: 031844 FRAME: 0310

RECORDED: 12/24/2013