# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3185809

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
YASUO ARAI	01/09/2015
MASAO OKIHARA	01/13/2015
HIROKI KASAI	01/09/2015

### **RECEIVING PARTY DATA**

Name:	LAPIS SEMICONDUCTOR CO., LTD.	
Street Address:	2-4-8 SHINYOKOHAMA, KOUHOKU-KU,	
City:	YOKOHAMA	
State/Country:	JAPAN	
Postal Code:	222-8575	

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

Property Type	Number
Application Number:	14598364

### 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.

Phone: 2023718976

Email: firm@rabinberdo.com Correspondent Name: RABIN & BERDO, PC Address Line 1: 1101 14TH STREET, N.W.,

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	TAI-313NPD1	
NAME OF SUBMITTER:	ROBERT H. BERDO, JR.	
SIGNATURE:	/Robert H. Berdo, Jr./	
DATE SIGNED:	01/16/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

## **Total Attachments: 2**

source=ASSIGNMENT TAI-313NPD1 OK-F03340-04#page1.tif source=ASSIGNMENT\_TAI-313NPD1\_OK-F03340-04#page2.tif

**PATENT** REEL: 034734 FRAME: 0464 503139198

Attorney Reference: <u>TAI-313NPD1</u>

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

WHEREAS <u>Yasuo ARAI</u>, <u>Masao OKIHARA and Hiroki KASAI</u>, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to <u>SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE</u>,

[X] said application being attached hereto;	
[ ] said application having been filed in the United States	
Application Serial No, and was amo	
[ ] the specification of which was filed under the Patent C Serial No, the United States of America being de	coperation Treaty on, esignated.
AND WHEREAS LAPIS Semiconductor Co ., Lt.	d. of 2-4-8 Shinyokohama, Kouhoku-ku, Yokohama 222-8575
Japan, hereinafter referred to as the assignee or applicant,	is desirous of acquiring the entire right, title and interest in an antinuations thereof, and in and to said invention and any and a
consideration paid by said assignee to said assignor, the assigns, sells and transfers to said assignee, and said assignand interest in and to said application, including any a invention and any and all patents which may be grappolongations thereof; said assignee, and said assignee's sapplication, including any and all divisions and continuation may be granted therefor, including any and all renewals, privileges and advantages in anywise arising from or appearance to patents when granted, including any and all renewals.	nsideration of One Dollar (\$1.00), and other good and valuable receipt of which is hereby acknowledged, said assignor herebignee's successors and assigns, the full and exclusive right, title and all divisions and continuations thereof, and in and to said anted therefor, including any and all renewals, reissues an successors and assigns, to have, hold, exercise and enjoy the said ons thereof, and the said invention and any and all patents which, reissues and prolongations thereof, with all the rights, powers extaining thereto, for and during the term or terms of any and alls, reissues and prolongations thereof, for the use and benefit of an as ample and beneficial a manner as the said assignor might of the term made.
AND said assignor hereby agrees to perform, up assigns, any and all acts relating to the obtaining or to reissues and prolongations thereof.	on the request of said assignee, or said assignee's successors of the asserting of said patents, including any and all renewals
AND said assignor authorizes and requests the Con said application, and on any and all divisions and contant and assigns, in accordance herewith.	Commissioner of Patents and Trademarks to issue Letters Paten inuations thereof, to said assignee, and said assignee's successor
As an above-named inventor, I hereby declare the made by me, and that I am the original inventor or an original inventor or an original declared the made by me, and that I am the original inventor or an original declared the made by me, and that I am the original inventor or an original declared the made by me, and that I am the original inventor or an original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and that I am the original declared the made by me, and the original declared the made by me and the made	at the above-identified application was made or authorized to b inal joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statem by fine or imprisonment of not more than five (5) years, or	nent made in this declaration is punishable under 18 U.S.C. 100 both.
Address all correspondence and telephone calls Washington, D.C. 20005, Telephone: (202) 371-8976; Fax	s to Rabin & Berdo, P.C., 1101 14 <sup>th</sup> Street, N.W., Suite 500 (202) 408-0924, Customer No. 23995.
WITNESS:	ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature: Hurofarm Luzin	Signature: Yasur Urai
Name: HIROFUMI FUJII	Legal Name: Yasuo ARAI
Address: Tan. 09, 2015	Date: 760, 9 2015

PATENT REEL: 034734 FRAME: 0465

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

Signature:	Nob	uo Ozanie	Z	Signature: Maxan Olcihava,
Name:			·····	Legal Name: Masso OKIHARA
Address:			· · · · · · · · · · · · · · · · · · ·	Date: January 13, 2015
·.	14.5 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		9	
		and the support of th		
WITNESS: Signature:	Yuki	Kumagai	· · · · · · · · · · · · · · · · · · ·	ASSIGNOR (THIRD INVENTOR): Signature: <u>Hwkl Rasav</u>
Name:		· · · · · · · · · · · · · · · · · · ·		Legal Name: Hiroki KASAI
Address:	· .	······································	<del></del>	Date: January 9, 2015

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

PATENT REEL: 034734 FRAME: 0466

**RECORDED: 01/16/2015**