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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIHISA SONE	04/16/2013
KAZUYA YAMADA	04/16/2013
AKIHIRO TAKEI	04/16/2013
YUICHI YOSHIDA	04/17/2013
KENGO TAKEMASA	04/17/2013

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:	14997658

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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ATTORNEY DOCKET NUMBER:	TAI-320C2
NAME OF SUBMITTER:	ROBERT H. BERDO, JR.
SIGNATURE:	/Robert H. Berdo, Jr./
DATE SIGNED:	01/18/2016

Total Attachments: 3

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Attorney Reference	

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS <u>I OSNINISA SONE, KAZUYA YAMADA, AKINIYO TAKEI, YUICHI YOSHIDA</u>
and Kengo TAKEMASA
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating toSEMICONDUCTOR DEVICE AND MEASUREMENT DEVICE
[X] the inventor(s) declaration for said application being executed concurrently with the
execution of this instrument; said application to be filed in the United States Patent and Trademark
Office;
[] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with the
Customer Number 23995, to insert here in parentheses (Application Serial
No) the application serial number of said application when known;
[] said application having been filed under the Patent Cooperation Treaty
on
Serial No.) , the United States of America being designated.
AND WHEREAS LAPIS Semiconductor Co., Ltd.
of 2-4-8 Shinyokohama, Kouhoku-ku, Yokohama 222-8575, Japan
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest
in and to said application, including any and all divisions and continuations thereof, and in and to
said invention and any and all patents which may be granted therefor, including any and all

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 assignor, 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 continuations 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 assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Rabin & Berdo, PC

All practitioners at Customer Number 23995.

renewals, reissues and prolongations thereof;

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at Rabin & Berdo, PC

the time the	e invention was made.	
	EXECUTED, April 16, 2013	
WITNESS:	ASSIGNOR:	
Signature: _	Yoshio matsuda Signature: Toshihis	
	ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTE Page 2 of 2	RS PATENT
	EXECUTED, April 16, 2013	
WITNESS:	ASSIGNOR:	
Signature: _	Latom Lato Signature: Kaguaya Name: Kazuya	
	EXECUTED, <u>April 16.2013</u>	·
WITNESS:	ASSIGNOR:	
Signature: _	Nobulino Temeri Signature: Akihiro Name: Akihiro	
	EXECUTED, <u>April 17 2013</u>	·
WITNESS:	ASSIGNOR:	
Signature: _	Kongo Jakemasa Signature: Jusili	Juliole
	Name: <u> </u>	i YOSHIDA

Rabin & Berdo, PC

EXECUTED, April	17, 2013
WITNESS:	ASSIGNOR:
Signature: Yuichi Joshida	Signature: <u>Longo Jakamasa</u> Name: <u>Kengo TAKEMASA</u>

Rabin & Berdo, PC

PATENT REEL: 037509 FRAME: 0500

RECORDED: 01/18/2016