# 502315164 04/17/2013

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TERUO KATOH	03/25/2013

### **RECEIVING PARTY DATA**

Name:	LAPIS SEMICONDUCTOR CO., LTD.	
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City:	YOKOHAMA	
State/Country:	JAPAN	
Postal Code:	222-8575	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13864328

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	ADAM C. VOLENTINE
Signature:	/ADAM C. VOLENTINE/
Date:	04/17/2013

Total Attachments: 1

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PATENT

REEL: 030238 FRAME: 0430

ASSIGNMENT OF APPLICATION	N FOR UNITED STATES LETTERS PATENT
WHEREAS Teruo KATOH	
hereinafter referred to collectively as the assignorelating to SEMICONDUCTOR CIRC	or, has invented a certain improvement CUIT AND SEMICONDUCTOR APPARATUS
instrument; said application to be filed in the Uni  [ ] said application having been filed in the Uniiauthorization being  CUSTOMER NUMBER 20987, Volentine & W  20191, to insert here in parentheses (Application serial number of said application when known:	cation being executed concurrently with the execution of this lited States Patent and Trademark Office; ted States Patent and Trademark Office on, g hereby given to the practitioners associated with the Init, PLLC, 11951 Freedom Drive, Suite 1300, Reston, VA on Serial No) the application Patent Cooperation Treaty on e United States of America being designated.
AND WHEREAS LAPIS Semiconductor	oo., Ltd. a, Kohoku-ku, Yokohama 222-8575 Japan
hereinafter referred to as the assignee, is des- said application, including any and all divisions any and all patents which may be granted prolongations thereof;  NOW THIS WITNESSETH, that for and in valuable consideration paid by said assignee to said assignor hereby assigns, sells and transi assigns, the full and exclusive right, title and inte and continuations thereof, and in and to said inventional including any and all renewals, reissues and successors and assigns, to have, hold, exercise and continuations thereof, and the said inventi- including any and all renewals, reissues and pro- advantages in anywise arising from or appertai- said and benefit of said assignee, and said assigne- manner as the said assigner might or could have mande.  AND said assigner hereby agrees to ber	sirous of acquiring the entire right, title and interest in and to and continuations thereof, and in and to said invention and it therefor, including any and all renewals, reissues and in consideration of One Dollar (\$1.00), and other good and a said assigner, the receipt of which is hereby acknowledged, fors to said assignee, and said assignee's successors and erest in and to said application, including any and all divisions rention and any and all patents which may be granted therefor, prolongations thereof; said assignee, and said assignee's and enjoy the said application, including any and all divisions on and any and all patents which may be granted therefor, clongations thereof, with all the rights, powers, privileges and ning thereto, for and during the term or terms of any and all all renewals, reissues and prolongations thereof, for the use ee's successors and assigns, in as ample and beneficial as a held and enjoyed the same, if this assignment had not been form, upon the request of said assignee, or said assignee's to the obtaining or to the asserting of said patents, including
iny and all renewals, reissues and prolongations AND said assignor authorizes and reque etters Patent on said application, and on any ar said assignee, and said assignee's successor AND Assignors hereby grant the follow	s thereof. ests the Commissioner of Patents and Trademarks to issue nd all divisions and continuations thereof,
States Patent and Trademark Office for recordal	tion of this document:  FINE & WHITT, PLLC
Ali practitioners at Customer Number 20987 AND Assignors acknowledge an obligati nvention was made.	ion of assignment of this invention to Assignee at the time the
EXECUTED,March. 25	20/3
VITNESS:	ASSIGNOR:
Signature: <u>Knji Inwurkamu'</u>	Signature: <u>Lucy Ealor</u> Name: <u>Teruo KATOH</u>
	0.300.200.00.00.00.00.00.00.00.00.00.00.00.
VOLENTINE & WHITT, PLLC	
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**RECORDED: 04/17/2013** 

Attorney Reference

PATENT REEL: 030238 FRAME: 0431