

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hidekazu KIKUCHI</td> <td>06/05/2013</td> </tr> <tr> <td>Hisao OHTAKE</td> <td>06/05/2013</td> </tr> <tr> <td>Danya SUGAI</td> <td>06/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hidekazu KIKUCHI	06/05/2013	Hisao OHTAKE	06/05/2013	Danya SUGAI	06/05/2013		
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Hisao OHTAKE	06/05/2013										
Danya SUGAI	06/05/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>LAPIS Semiconductor Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2-4-8 Shinyokohama, Kouhoku-ku</td> </tr> <tr> <td>City:</td> <td>Yokohama</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>222-8575</td> </tr> </table>		Name:	LAPIS Semiconductor Co., Ltd.	Street Address:	2-4-8 Shinyokohama, Kouhoku-ku	City:	Yokohama	State/Country:	JAPAN	Postal Code:	222-8575
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2024080924 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-371-8976 Email: firm@rabinberdo.com Correspondent Name: Rabin & Berdo, P.C. Address Line 1: 1101 14th St., N.W., Suite 500 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	MAE-692										
NAME OF SUBMITTER:	Robert H. Berdo, Jr.										
Signature:	/Robert H. Berdo, Jr./										
Date:	06/18/2013										
Total Attachments: 2 source=MAE-692-Assignment#page1.tif source=MAE-692-Assignment#page2.tif											

OP \$40.00 13920610

Attorney Reference _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hidekazu KIKUCHI, Hisao OHTAKE, and Danya SUGAI
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to SEMICONDUCTOR DEVICE

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 Kanagawa 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 renewals, reissues and prolongations thereof;

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.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, June 5, 2013

WITNESS:

ASSIGNOR:

Signature: Masato Yamazaki Signature: Hidekazu Kikuchi
 Name: Hidekazu KIKUCHI

Rabin & Berdo, PC

PATENT
REEL: 030635 FRAME: 0912

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, June 5, 2013

WITNESS:

ASSIGNOR:

Signature: Masato Yamazaki

Signature: Hisao Ohtake

Name: Hisao OHTAKE

EXECUTED, June 5, 2013

WITNESS:

ASSIGNOR:

Signature: Masato Yamazaki

Signature: Danya Sugai

Name: Danya SUGAI

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____