### 502450829 08/08/2013

# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |
| CONNECTING DARTY DATA |                |

#### **CONVEYING PARTY DATA**

| Name       | Execution Date |
|------------|----------------|
| Kenji ARAI | 07/31/2013     |

### RECEIVING PARTY DATA

| Name:           | LAPIS Semiconductor Co., Ltd.            |
|-----------------|--|
| Street Address: | 2-4-8 Shinyokohama, Kouhoku-ku, Yokohama |
| City:           | Kanagawa                                 |
| State/Country:  | JAPAN                                    |
| Postal Code:    | 222-8575                                 |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13962087 |

#### **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | B-1305K          |
|-------------------------|------------------|
| NAME OF SUBMITTER:      | Kazunao Kubotera |
| Signature:              | /kubotera/       |
| Date:                   | 08/08/2013       |
|                         |                  |

**Total Attachments: 1** 

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PATENT REEL: 030968 FRAME: 0303

# ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| WHEREAS Kenji ARAI hereinafter referred to collectively as the assignor, has invented a certain improvement relating to CLOCK SYNCHRONIZATION CIRCUIT AND SEMICONDUCTOR 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,  |
| AND WHEREAS LAPIS Semiconductor Co., Ltd.<br>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 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 assigns 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 memner 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 reque |
| All practitioners at Customer Number 77319.  AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.  |
| EXECUTED, July 81, 2013   |
| WITNESS: ASSIGNOR:  |
| EXECUTED, J.ly 31, 2013  WITNESS:  ASSIGNOR:  Signature: Yoshiko Arai Signature: Kenji Arai  Name: Kenji ARAI   |
| KUBOTERA & ASSOCIATES, LLC  |

**RECORDED: 08/08/2013** 

PATENT REEL: 030968 FRAME: 0304