## PATENT ASSIGNMENT COVER SHEET

# Electronic Version v1.1

Stylesheet Version v1.2

### EPAS ID: PAT2634642

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY [	DATA			
		Name	Execution Date	
MASAKUNI KAWAGO	E		11/27/2013	
RECEIVING PARTY D	ΑΤΑ			
Name:	LAPIS SEMICONDUCTOR CO., LTD.			
Street Address:	2-4-8 SHIN-YOKOHAMA, KOHOKU-KU			
City:	УОКОНАМА			
State/Country:				
Postal Code: 222-8575				
PROPERTY NUMBER	S Total: 1			
Property Type			Number	
Application Number: 14068		068066		
CORRESPONDENCE DATA				
CORRESPONDENCE	DATA			06806
CORRESPONDENCE Fax Number:		3-0740		14068066
Fax Number: Phone:	(571)28 571283	0720		
Fax Number: Phone: Email:	(571)28 571283 cjohnso	0720 n@volentine.com	cossful	
Fax Number: Phone: Email: <i>Correspondence will b</i> a	(571)28 571283 cjohnso <i>e sent via US Mail</i>	0720 m@volentine.com <i>when the email attempt is unsuc</i>	sessful.	
Fax Number: Phone: Email:	(571)28 571283 cjohnsc <i>e sent via US Mail</i> VOLEN	0720 n@volentine.com		\$40.00
Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name:	(571)28 571283 cjohnsc e <i>sent via US Mail</i> VOLEN 11951	0720 m@volentine.com <i>when the email attempt is unsuc</i> TINE & WHITT, PLLC		
Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1:	(571)28 571283 cjohnso e <i>sent via US Mail</i> VOLEN 11951 RESTO	0720 m@volentine.com <i>when the email attempt is unsuc</i> TINE & WHITT, PLLC FREEDOM DRIVE, 13TH FLOOF		\$40.00
Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 4:	(571)28 571283 cjohnso <i>e sent via US Mail</i> VOLEN 11951 RESTO	0720 on@volentine.com <i>when the email attempt is unsuc</i> TINE & WHITT, PLLC FREEDOM DRIVE, 13TH FLOOF N, VIRGINIA 20190		\$40.00
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET	(571)28 571283 cjohnso <i>e sent via US Mail</i> VOLEN 11951 RESTO	0720 on@volentine.com <i>when the email attempt is unsuc</i> TINE & WHITT, PLLC FREEDOM DRIVE, 13TH FLOOF N, VIRGINIA 20190		\$40.00
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER	(571)28 571283 cjohnso <i>e sent via US Mail</i> VOLEN 11951 RESTO	0720 on@volentine.com <i>when the email attempt is unsuc</i> TINE & WHITT, PLLC FREEDOM DRIVE, 13TH FLOOF N, VIRGINIA 20190 LAPIS.1084D CRIS E. JOHNSON		\$40.00

Attorney Reference \_

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

#### WHEREAS Masakuni KAWAGOE

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to <u>INTEGRATED CIRCUIT HAVING LATCH CIRCUITS AND USING DELAY CIRCUITS TO</u> FETCH DATA BITS IN SYNCHRONIZATION WITH CLOCK SIGNALS

[ ] 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;
[ x ] said application having been filed in the United States Patent and Trademark Office on,

<u>October 31, 2013</u> authorization being hereby given to the practitioners associated with the <u>CUSTOMER</u> <u>NUMBER 20987</u>, Volentine & Whitt, PLLC, 11951 Freedom Drive, Suite 1300, Reston, VA 20191, to insert here in parentheses (Application Serial No. <u>14/068.066</u>) 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 Shin-Yokohama, Kohoku-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 assigner, the receipt of which is hereby acknowledged, said assigner 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, in a sample and beneficial a manner as the said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assigner 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:

**VOLENTINE & WHITT, PLLC** 

All practitioners at Customer Number 20987

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

ASSIGNOR:

EXECUTED, November 27, 2013

WITNESS:

utaka Laitch signature: Signature

Masakuni K

Name: Masakuni KAWAGOE

**VOLENTINE & WHITT, PLLC** 

PATENT REEL: 031705 FRAME: 0686

**RECORDED: 12/03/2013**