

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3372418

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE FROM SILICON WORKS, CO., LTD. TO SILICON WORKS CO., LTD., previously recorded on Reel 035683 Frame 0933. Assignor(s) hereby confirms the ASSIGNEE.

CONVEYING PARTY DATA

Name	Execution Date
OK HWAN KWON	05/27/2015
BAEK MIN LIM	05/27/2015
HAI FENG JIN	05/27/2015
JU PYO HONG	05/27/2015
SUNG HWAN KIM	05/27/2015
JU HYUN LEE	05/27/2015
JIN WON MOK	05/27/2015
JU YEONG KIM	05/27/2015

RECEIVING PARTY DATA

Name:	SILICON WORKS CO., LTD.
Street Address:	222, TECHNO 2-RO
City:	YUSEONG-GU, DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-510

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14717809

CORRESPONDENCE DATA

Fax Number: (650)938-5200
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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Email: cevenich@fenwick.com
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Address Line 1: FENWICK & WEST LLP
Address Line 2: 801 CALIFORNIA STREET
Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	32325-29506
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PATENT

NAME OF SUBMITTER:	CARLO MIGUEL C. OCAMPO, REG. NO. 65,328
SIGNATURE:	/Carlo Miguel C. Ocampo/
DATE SIGNED:	05/28/2015
Total Attachments: 6 source=29506 US Corrective Assignment#page1.tif source=29506 US Corrective Assignment#page2.tif source=29506 US Corrective Assignment#page3.tif source=29506 US Corrective Assignment#page4.tif source=29506 US Corrective Assignment#page5.tif source=29506 US Corrective Assignment#page6.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3362612

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OK HWAN KWON	05/20/2015
BAEK MIN LIM	05/20/2015
HAI FENG JIN	05/20/2015
JU PYO HONG	05/20/2015
SUNG HWAN KIM	05/20/2015
JU HYUN LEE	05/15/2015
JIN WON MOK	05/20/2015
JU YEONG KIM	05/20/2015
RECEIVING PARTY DATA	
Name:	SILICON WORKS, CO., LTD. SILICON WORKS CO., LTD.
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City:	YUSEONG-GU, DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-510
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14717809
CORRESPONDENCE DATA	
Fax Number:	(650)938-5200
<i>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.</i>	
Phone:	(650)988-8500
Email:	cevenich@fenwick.com
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ATTORNEY DOCKET NUMBER:	32325-29506
NAME OF SUBMITTER:	CARLO MIGUEL C. OCAMPO, REG. NO. 65,328
SIGNATURE:	/Carlo Miguel C. Ocampo/

PATENT

REEL: 035774 FRAME: 0758

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Silicon Works Co., Ltd., a corporation of the Republic of Korea, having a place of business at 222, Techno 2-ro, Yuseong-gu, Daejeon, 305-510 Republic of Korea ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 14/717,899, entitled "Signal Control Circuit and Switching Apparatus," filed on May 20, 2015, which claims priority from a foreign application, filed on May 21, 2014, now bearing Korean Application No. 10-2014-0061009.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title:	Signal Control Circuit and Switching Apparatus		
Filed:	May 26, 2015	Attorney Docket #:	32325-29506/US
Application #:	14/717,809		

hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- * The APPLICATION was made or authorized to be made by INVENTOR.
- * INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature	Date of Signature
	2015. 5. 27
Ok Hwan Kwon	

Name and Signature	Date of Signature
	2015. 5. 27
Baek Min Lim	

Name and Signature	Date of Signature
	2015. 05. 27
Hai Feng Jin	

Name and Signature	Date of Signature
	2015. 5. 27
Ju Pyo Hong	

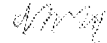
Title:	Signal Control Circuit and Switching Apparatus		
Filed:	May 20, 2015	Attorney Docket #:	32325-29506/US
Application #:	14/717,809		

Name and Signature


 Sung Hwan Kim

Date of Signature

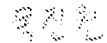
 2015. 5. 27

Name and Signature


 Ju Hyun Lee

Date of Signature


 2015. 5. 27

Name and Signature


 Jim Won Mok

Date of Signature

 2015. 5. 27

Name and Signature


 Ju Yeong Kim

Date of Signature

 2015. 5. 27