504360855 05/10/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4407546

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID RUIMIN CHEN	02/24/2017
SHIAW WEN CHANG	02/24/2017
EDE PETER ENOBAKHARE	02/15/2017
BRIAN BLU DUVERNEAY	04/03/2017

## **RECEIVING PARTY DATA**

Name:	Skyworks Solutions, Inc.
Street Address:	20 Sylvan Road
City:	Woburn
State/Country:	MASSACHUSETTS
Postal Code:	01801

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15358233

### **CORRESPONDENCE DATA**

**Fax Number:** (949)231-3206

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.

**Phone:** 9492313073

**Email:** ip.docketing@skyworksinc.com

Correspondent Name: DONALD BOLLELLA

Address Line 1: 5221 CALIFORNIA AVENUE, 21-1

Address Line 4: IRVINE, CALIFORNIA 92617

ATTORNEY DOCKET NUMBER:	15SKY0215.04 US
NAME OF SUBMITTER:	DONALD BOLLELLA
SIGNATURE:	/Donald Bollella/
DATE SIGNED:	05/10/2017

### **Total Attachments: 4**

source=15-358233\_Assignment - 15SKY0215.04 US#page1.tif source=15-358233\_Assignment - 15SKY0215.04 US#page2.tif source=15-358233\_Assignment - 15SKY0215.04 US#page3.tif

PATENT 504360855 REEL: 042327 FRAME: 0217

source=15-358233\_Assignment - 15SKY0215.04 US#page4.tif

PATENT REEL: 042327 FRAME: 0218

#### ASSIGNMENT

WHEREAS, we, David Ruimin Chen residing at 2888 Arbella Lane, Thousand Oaks, California 91362; Shiaw Wen Chang residing at 2432 McCrea, Thousand Oaks, California 91362; Ede Peter Enobakhare residing at 411 Bluebell Place, Oxnard, CA 93036; Brian Blu DuVerneay residing at 454 W. Wrightwood Avenue, Apt. 1A, Chicago, Illinois 60614, have invented a certain new and useful ADAPTIVE LOAD FOR COUPLER IN BROADBAND MULTIMODE MULTIBAND FRONT END MODULE for which we have made application for Letters Patent of the United States as fully set forth and described in the specification duly filed in the United States Patent and Trademark Office on November 22, 2016 and assigned Application Serial No. 15/358,233 which is a continuation-in-part of U.S. Application No. 14/723,886 filed May 28, 2015 which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/004,325 filed May 29, 2014;

WHEREAS, Skyworks Solutions, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, having a principal business address at 20 Sylvan Road, Woburn, Massachusetts 01801, is desirous of acquiring the entire interest in and to said invention, said continuation-in-part application, any and all Inventions and improvements disclosed therein, and all Letters Patent to be had therefor.

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, we, said David Ruimin Chen, Shiaw Wen Chang, Ede Peter Enobakhare, and Brian Blu DuVerneay have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Skyworks Solutions, Inc., the whole right, title, and interest in and to said ADAPTIVE LOAD FOR COUPLER IN BROADBAND MULTIMODE MULTIBAND FRONT END MODULE, the aforesaid continuation-in-part application, and any and all inventions and improvements disclosed in the aforesaid continuation-in-part application for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to the aforesaid continuation-in-part application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from or claiming priority to the aforesaid United States continuation-in-part patent application as prepared for and filed in any and all foreign countries, said whole right, title, and interest being the same for said Skyworks Solutions, Inc.'s own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which all said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made. And we hereby acknowledge, agree, and understand that this assignment conveys any and all other related intellectual property rights including, but not so limited to, copyright rights, copyrightable subject matter, know how, trade secrets, copyright registrations, and reproduction rights, including any and all right to sue for past, current, or future infringement of the intellectual property rights hereby sold, assigned, and transferred, and we further hereby waive any and all moral rights under 17 U.S.C. § 106A or as so otherwise provided.

And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee Skyworks Solutions, Inc., its assigns, successors, and legal representatives, that we have full right to sell, assign, and transfer the whole right, title, and interest in and to said

Page 1 of 4 PATENT 142327 FRAME inventions and improvements, said continuation-in-part application, and all the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee Skyworks Solutions, Inc., its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid continuation-in-part application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign divisional, continuing, substitute, renewal, reissue, or any other application derived from or claiming priority to the aforesaid continuation-in-part application, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby covenant and agree not to challenge or oppose, on any grounds whatsoever, the validity of this assignment or to assist or request any third party to contest the validity of this assignment, and we further agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein. And we also agree that no course of conduct or dealing by us shall act as an amendment, modification, or waiver of any provision of this assignment unless specifically set forth in writing.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Skyworks Solutions, Inc. as the assignee of our entire right, title, and interest therein.

IN TESTIMONY WHEREOF, we have hereunto set our respective hand and seal on the day and month of the year 2017.8% indicated below.

David Ruimin Chen

Date: 2/24/2017

Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the documentand not the individuess, accuracy, or validity of that document.

TO WHICH THIS CERUMICATE TO A TAKEN

State of California

County of AM

On this 2 tay of 2017 before me.

David Ridmin Chen, who proved is me on the beste of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in its authorized copacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Official Seal)

NANCY HOOVER
Commission & 2008744
Notery Public - Cestorals
Los Angeles County
My Certus, Expires Mar 8, 2017

Notary Fusile: (1011)

**REEL: 042327 FRAME: 0220** 

	<u> </u>	Date: 2/24/20/7
Shiaw Wen C	Chang //	
Acknowledgme	pesk	
	or other officer completing this certificate vertises, accuracy, or validity of that document.	files only the identity of the individual who signed the document and
State of California	¥:	TO WALLATAS TENNINGERS & ATHORED
County of May	r//LA	
On this Shiaw Wen Chang Instrument and ack	of <i>FESION</i> (A) 2017 before me. (A) 3. who proved to me on the basis of safisfac	Notary Public, personally appeared clary evidence to be the person whose name is subscribed to the within a in his authorized capacity, and that by his signature on the instrument site recuted the instrument.
I certify under PEN	IALTY OF PERJURY under the laws of the	State of California that the feregoing paragraph is true and correct.
WITNESS my hand	d and difficial seal.	
(Official Seef)	MANCY MOOVER Commission # 20057 Hotery Public - Califor Los Angeles County My Comm. Expires Mar 8	744
Edé Peter End Acknowledgme		Date: 2/15/2017
A notary public or	r other officer completing this certificate veri	lites only the identity of the individual who signed the document, and
not the infinitine	ss, accuracy, or validity of that document,	de la constant de la
State of California		To simila This Processing is America
County of LASK	Malle	\$
insirumem and acki	of FERMAN, 2017 before me, American who proved to me on the basis of satisfing the same of the basis of satisfing the same of	Notary Public, personally appeared actory Avidence to be the person whose name is subscribed to the within in his authorized capacity, and that by his signature on the instrument the acoused this instrument.
centify under PEN.	ALTY OF PERJURY under the laws of the S	State of Californig that the foregoing paragraph is true and correct.
WITNESS my hand		
(Official Seal)		)/a44/3044/
	MANCY HOOVER Commission # 2006744 History Public - California Los Angeles County My Comm. Expires New 8, 2017	

Brian Blu DuVerneay	Lis,	Date: 4/3/2017
Acknowledgment		
State of Illinois	<b>3</b>	
County of LOSS		
Tids instrument was acknowle	extged before me on Africa. 2	
(Sasi)	OFFICIAL SEAL  DEERA M SZIMOWSKI  NOTARY PURIC - STATE OF ALMOSS	1942 Jan 20
	NA CORRESION EDABLE QUARTE	Signature of Notary ( with
\$***\$		
	***********	******************

REEL: 042327 FRAME: 0222