503678812 02/03/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEIMIN SUN	11/05/2015
DAVID VIVEIROS JR.	11/05/2015
RUSS ALAN REISNER	11/05/2015

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:	14855141

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	15SKY0268.02 US	
NAME OF SUBMITTER:	DONALD BOLLELLA	
SIGNATURE:	/Donald Bollella/	
DATE SIGNED:	02/03/2016	

Total Attachments: 3

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PATENT 503678812 REEL: 037658 FRAME: 0950

ASSIGNMENT

WHEREAS, we, Weimin Sun residing at 11160 Sumac lane, Santa Rosa Valley, California 93012; David Viveiros, Jr. residing at 1820 Via Petirrojo, Apt. C, Thousand Oaks, California 91320; and Russ Alan Reisner residing at 4430 Camino de la Rosa, Newbury Park, California 91320, have invented a certain new and useful MULTI-BAND DEVICE HAVING SWITCH WITH INPUT SHUNT ARM 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 September 15, 2015 and assigned Application Serial No. 14/855,141, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/051,191 filed September 16, 2014; and

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 non-provisional and provisional applications, any and all inventions and improvements disclosed in said applications, 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 Welmin Sun, David Viveiros, Jr., and Russ Alan Reisner 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 MULTI-BAND DEVICE HAVING SWITCH WITH INPUT SHUNT ARM, the aforesaid applications, and any and all inventions and improvements disclosed in the atoresaid non-provisional and provisional applications 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 applications 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 non-provisional and provisional patent applications and related applications as prepared for and filed in any and all foreign countries, said whole right, tittle, 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 inventions and improvements, said non-provisional and provisional applications, 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

Assignment 14/855,141 Fage 1 of 3

assignee Skyworks Solutions, Inc., its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid applications 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 applications, 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 2015 as indicated below.

Sn. 1	LS.	Date:	11/5/2015
Weimin Sun		20.000.00000000	Advantation of province or constitution of the
Acknowledgment			
	r officer completing this certificate ve cowacy, or validity of that document.	rifles only the identity of the	individual who signed the document and
State of California	3		
County of Vernura	j ,		
On this <u>546</u> day of <u>M</u> ine on the basis of satisfa	CULUM (027 2015 before me, T. F sciony evirtence to be the person who	elix-Krell, Nictary Public, per se name is subscribed to the	recensity appeared Weimin Sun, who proved to within instrument and acknowledged to me the

I centify 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 seat.

he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which

(Official Seal)

the person acted, executed the instrument.



David Vilveiros dr. LS. Date: 1/05/20/5		
Acknowledgment		
A notary public or other officer completing this certificate venifies only the identity of the individual who signed the document and not the truthfulness, accuracy, or validity of that document.		
State of California)		
County of Vertura)		
On this 54h, day of 100 and 100 yr., 2015 before me, T. Felix-Krall, Notary Public, personally appeared David Viveiros, Jr., who proved to me on the basis 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 his authorized capacity, 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.		
Continue Seal) T. FELIX-KRALL Commission # 2083968 Rictary Pentura County Pentura County My Comm. Expires Jan 13, 2917 Notify Public		
Acknowledgment		
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document and not the truthfulness, accuracy, or validity of that document.		
State of California		
County of Ventura)		
On this <u>Suh</u> day of <u>NOutranbery</u> , 2016 before me. T. Felix-Krall, Notary Public, personally appeared fluss Alan Reisner, who proved to me on the basis of salistiactory evidence to be the person whose name is subscribed to the within instrument and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upo 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 soal.		
(Official Seal) T. FELIX-KRALL Commission & 2003968 Notary Public - California Ventura County My Comm. Expires Jan 13, 2017		
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Page 3 of 3