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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4513595

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOANG MONG NGUYEN	07/17/2017
ANTHONY JAMES LOBIANCO	06/30/2017
GREGORY EDWARD BABCOCK	07/11/2017
DARREN ROGER FRENETTE	07/11/2017
GEORGE KHOURY	07/11/2017
RENE RODRIGUEZ	07/05/2017

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:	15490436	

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:	SWKS17165403(P2)US
NAME OF SUBMITTER:	DONALD BOLLELLA
SIGNATURE:	/Donald Bollella/
DATE SIGNED:	07/20/2017

Total Attachments: 4

PATENT REEL: 043058 FRAME: 0292 source=15-490436_Assignment - SWKS 17165403(P2)US#page1.tif source=15-490436_Assignment - SWKS 17165403(P2)US#page2.tif source=15-490436_Assignment - SWKS 17165403(P2)US#page3.tif source=15-490436_Assignment - SWKS 17165403(P2)US#page4.tif

> PATENT REEL: 043058 FRAME: 0293

ASSIGNMENT

WHEREAS, we, Hoang Mong Nguyen residing at 10817 La Terraza Avenue, Fountain Valley, California 92708; Anthony James LoBianco residing at 30 Sorrento, Irvine, California 92614; Gregory Edward Babcock residing at 17 Brightside Avenue, Ottawa, Ontario K2S 1K5, Canada; Darren Roger Frenette residing at 249 Comba Lane, Pakenham, Ontario K0A2X0, Canada; George Khoury residing at 478 Halldon Place, Ottawa, Ontario K2B 7B8, Canada; and René Rodríguez residing at 12 Nutmeg Street, Rancho Santa Margarita, California 92688, have invented a certain new and useful SELECTIVELY SHIELDING RADIO FREQUENCY MODULE WITH MULTI-LAYER ANTENNA 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 Tredemark Office on April 18, 2017 and assigned Application Serial No. 15/490,436, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/324,768 filed April 19, 2016 and U.S. Provisional Patent Application Serial No. 62/324,768 filed April 19, 2016 and U.S. Provisional Patent Application Serial No. 62/324,768 filed April 19, 2016; 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 Hoang Mong Nguyen, Anthony James LoBianco, Gregory Edward Babcock, Darren Roger Frenette, George Khoury, and René Rodríguez 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 SELECTIVELY SHIELDING RADIO FREQUENCY MODULE WITH MULTI-LAYER ANTENNA, the aforesaid applications, and any and all inventions and improvements disclosed in the aforesaid 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, 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

PÄTENT REEL: 043058 FRAME: 0294 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 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 2017 as indicated below.

167 April 1997 LS. Date: 3/13/13-

Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, securacy, or validity of that document.

State of California

County of Orange

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

WITNESS my hand and official seal.

(Official Seal)



Care Rossy Public

Anthony dames Lobiarico LS. Date: 4-34-72					
Acknowledgment					
A notary public or other difficer completing this certificate venilles only the identity of the individual who signed the document to which this certificate is effective, and not the truthfulness, accuracy, or velidity of that document.					
State of California)					
County of Change					
On this 3 gay of 2017 below me. Jeann's C. Benedict, Notary Public, personally appeared Anthony James Lobianco, who proved to me on the basis of satisfactory evidence to be the person whose name is substribed 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 cartify 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) Saking C. Senepic T Motory Public - California Certarission 9 2198493 My Comm. Expires May 21, 3321 Notary Public					

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LS. Dale: 7/11/2017 Gregory Edward Babcock					
Asknowledgment					
Canada, Province of Ontario)					
City of Officera					
On this 1/2 day of 1/2 2017 before me, Stephen J. Keveck, Notery Publis, personally appeared Gregory Edward Babcock, 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 suithoused capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
WITNESS my hand and official seal.					
- Henkorner					
(Signature of Motory) (Seal of Motory)					
g.					

Darren Roger Frenette					
Acknowledgment					
Canada, Province of Ontario;)					
City of Ottawa State Company C					
On this day of A 2017 before me, Stephen J. Kovacic, Notary Public, personally appeared Camen Roger Frenette, 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.					
WITNESS my hand and official seal.					
(Signature of Notary) (Seal of Notary)					

George Khoury	d	Date: 30/9 //,20/7		
Acknowledgment	4			
Canada, Province of O				
City of Ottawa) ss.			
to me that he executed	2017 before me, Stephan als all suits sectory evidence to be the person vel it he same in his authorized capacity, and the sen acted, executed the instrument.		ment and acknowledge:	
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	Community L.S.	Date: 7/5//7		
René Rodríguez				
Acknowledgment				
	er officer completing this certificate verifies or is attached, and not the truthfulness, accuracy		d the document to	
State of Cattomia	* * * * * * * * * * * * * * * * * * *			
County of Orange)			
On this day of \(proved to me on the this to me that he executed	2017 before me, Jeannie C. I sis systimizationy evidence to be the person wi I the same in his euthorized capacity, and tha son acted, executed the instrument.	1098 name is suoscaped to me within instit	шеш яис яскисмесде:	
I certify under PENALT	Y OF PERJURY under the laws of the State of	of California that the foregoing paragraph	is true and correct.	
WITNESS my hand an	d official seal			
(Official Seel)	RAMPRE C. BENEDICT Notes Proble - California Design County Commission 8 21/86403 My Coron, Explices May 21, 2021	Notary Pr	etic	

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