504213153 02/05/2017 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		A	ASSIGNMENT					
CONVEYING PART	Υ DATA							
			Name			Execu	Execution Date	
DAVID RICHARD PEHLKE						12/15/2016		
JOHN CHI-SHUEN LEUNG						12/15/2016		
RECEIVING PARTY	DATA							
Name:		Skyworks Solutions, Inc.						
Street Address:		van Roac	•					
City:	Wobur	'n						
State/Country:	MASS	MASSACHUSETTS						
Postal Code:	01801							
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ASSIGNMENT

WHEREAS, we, David Richard Pehlke residing at 32958 Derver Springs Drive, Westlake Village, California 91361 and John Chi-Shuen Leung residing at 12 Ballse Lane, Foothill Ranch, California 92610, have invented a certain new and useful UPUNK CARRIER AGGREGATION ARCHITECTURE 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 August 10, 2016 and assigned Application Serial No. 15/233,903, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/203,396 filed August 11, 2015; 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 David Richard Pehike and John Chi-Shuen Leung 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 UPLINK CARRIER AGGREGATION ARCHITECTURE, the atoresaid applications, and any and all inventions and improvements disclosed in the aforesaid nonprovisional 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, fille, 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, tille, and interest in and to said

Assignment 15/233,903

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 aloresaid 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 as indicated below.

RAPHULS Date: 12/15/2016

avid Richard Pet

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 15th day of 25th and 20th and 20th before me, T. Felix-Krell, Notary Public, personally appeared David Richard Pehke, who proved to me on the basis of satisfactory avidance to be the person whose name is subscribed to be writin instrument and admonifedged to me that he executed the same in ide authorized capacity, and that by his signature on the instrument the person, or the antity upon behalf of which the person acted, executed the instrument.

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

WITHESS my hand and official seal.

(Official Seal)

T. FELSX-KRALL Commission # 2003968 Rotary Public - California Ventera Counte Comm, Expires Jan 13, 2017



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PATENT

John Chi-Shuen Leung LS.

Date: 12-15-2016

Acknowledgment

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

State of California

County of Ventura

On this 151h day of <u>DECemPLEY</u> 2016 before ms. T. Feliz-Kraß, Notary Public, personally appeared John Chi-Shuen Leung, who proved in me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged in me that he executed the same in the 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 taws of the State of California that the foregoing paragraph is true and correct.

WITHESS my hand and official seal.

(Official Seal)



Public

Assignment 15/233,903

RECORDED: 02/05/2017