504213025 02/04/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM GERARD VAILLANCOURT	01/09/2017
LUI LAM	01/09/2017

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:	15338080

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.

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Email: ip.docketing@skyworksinc.com

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ATTORNEY DOCKET NUMBER:	16SKY0388.01 US	
NAME OF SUBMITTER:	DONALD BOLLELLA	
SIGNATURE:	/Donald Bollella/	
DATE SIGNED:	02/04/2017	

Total Attachments: 2

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PATENT 504213025 REEL: 041627 FRAME: 0302

ASSIGNMENT

WHEREAS, we, William Gerard Vaillancourt residing at 28 Country Lake Road, Methuen, Massachusetts 01844 and Lui Lam residing at 5 Viles Road, Lexington, Massachusetts 02421, have invented certain new and useful COUPLING AND DECOUPLING DEVICES IN A 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 October 28, 2016 and assigned Application Serial No. 15/338,080, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/247,742 filed October 28, 2015, U.S. Provisional Patent Application Serial No. 62/290,906 filed February 3, 2016, and U.S. Provisional Patent Application Serial No. 62/290,906 filed February 3, 2016, and U.S. Provisional Patent Application Serial No. 62/290,336 filed February 2, 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 William Gerard Vaillancourt and Lui Lam 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 COUPLING AND DECOUPLING DEVICES IN A MODULE, the aforesaid 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, 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 luture 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 Skyworke 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

Page 1 of 2 PATENT MASS FRAMI 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 Palent 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 coverant 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.

William Gerard Vaillancourt Ls.	Date: 1/9/2017
Acknowledgment	
Commonwealth of Massachusetts) as. County of SC) as. On the Oray of JANAA (soft before me valuanceurs, proved to me through satisfactory evidence of identity whose name is signed on the precisioning Assignment, and acknowledge.	, the undersigned notery public, personally appeared William Garan dication, which was 100 000 000 000 000 000 000 000 000 00
CHRISTOPHER M. JENSEN Notice Public COMMUNICATION OF MASSICEMENTS My Commission Expires May 28, 2023 (Official Sest)	Christophe U. TMS history Public (Notary Public Ortophe U. TMS)
LS.	Date: <u>Jan. 914</u> 2012
Acknowledgment	
Commonwealth of Messachusells ss. County of SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	he undersigned notary public, personally appeared Lul Lam, proved to m Theory Ch. Live in Let., to be the person whose name is signed on the systematic purpose.
	Osla h. A-
·	(Official Silgnature of Notary)
CHRISTOPHER M. JENSEN Notary Public Notary Public Notary Public	Christiph M. Linself vintery Puelic (Nobery's proted or riped name)

Assignment 15/338,080

RECORDED: 02/04/2017

May 28, 2023

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