

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER HARRIS ROBERT POPPLEWELL	01/09/2013
JAKUB F. PINGOT	01/08/2013
FLORINEL G. BALTEANU	01/22/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SKYWORKS SOLUTIONS, INC.
<b>Street Address:</b>	20 SYLVAN ROAD
<b>City:</b>	WOBURN
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01801
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14308537
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)231-3206
<i>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.</i>	
<b>Phone:</b>	9492313073
<b>Email:</b>	ip.docketing@skyworksinc.com
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<b>Address Line 1:</b>	5221 CALIFORNIA AVENUE, 21-1
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<b>ATTORNEY DOCKET NUMBER:</b>	NJSK 12100206(P1)USC1
<b>NAME OF SUBMITTER:</b>	DONALD BOLLELLA
<b>SIGNATURE:</b>	/Donald Bollella/
<b>DATE SIGNED:</b>	09/14/2015
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

**WHEREAS**, we, Peter Harris Robert Popplewell residing at 19 Phyllis Street, Ottawa, Ontario K2J 1T6, Canada; Jakub F. Pingot residing at 4308 Goldeneye Way, Ottawa, Ontario K1V 2G8, Canada; and Florinel G. Balteanu residing at 64 Winding Way, Ottawa, Ontario K2G 6Y6, Canada, along with certain co-inventors from Nujira LTD of Cambridge, England, have invented certain new and useful APPARATUS AND METHODS FOR VOLTAGE CONVERTERS for which we have jointly 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 7, 2012 and assigned Application Serial No. 13/671,022, which derived priority benefit from U.S. Provisional Patent Application Serial No. 61/561,676 filed November 18, 2011; 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 our entire interest in and to said invention, our interest in and to said non-provisional and provisional applications, our interest in and to any and all inventions and improvements disclosed in said applications, and our interest in and to 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 Peter Harris Robert Popplewell, Jakub F. Pingot, and Florinel G. Balteanu have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Skyworks Solutions, Inc., our whole right, title, and interest in and to said APPARATUS AND METHODS FOR VOLTAGE CONVERTERS, 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, our 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.

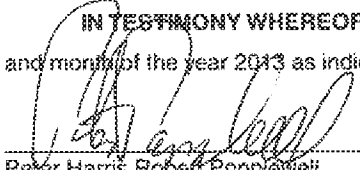
And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee Skyworks Solutions, Inc., its assigns, successors, and legal representatives, that

we have full right to sell, assign, and transfer our 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 our 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 2013 as indicated below.

  
 \_\_\_\_\_ L.S.  
 Peter Harris Robert Popplewell

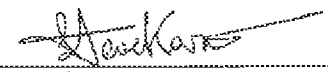
Date: Jan. 9/2013

#### Acknowledgment

Canada, Province of Ontario }  
 City of Ottawa } ss.

On this 9 day of January, 2013 before me, Stephen J. Kovacic, Notary Public, personally appeared Peter Harris Robert Popplewell, 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)

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*Jakub F. Pingot* L.S.  
 Jakub F. Pingot

Date: *Jan 8th / 2013*

## Acknowledgment

Canada, Province of Ontario )  
 ) ss.  
 City of Ottawa )

On this *8* day of *January*, 2013 before me, Stephen J. Kovacic, Notary Public, personally appeared Jakub F. Pingot, 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]*  
 (Signature of Notary)

(Seal of Notary)

\*\*\*\*\*

*[Signature]* L.S.  
 Florinel G. Balteanu

Date: *Jan 22nd / 2013*

## Acknowledgment

Canada, Province of Ontario )  
 ) ss.  
 City of Ottawa )

On this *22* day of *January*, 2013 before me, Stephen J. Kovacic, Notary Public, personally appeared Florinel G. Balteanu, 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]*  
 (Signature of Notary)

(Seal of Notary)

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