

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel Lee Kaczman</td> <td>02/21/2012</td> </tr> <tr> <td>Haibo Cao</td> <td>02/16/2012</td> </tr> <tr> <td>Russ Alan Reisner</td> <td>02/16/2012</td> </tr> <tr> <td>Nai-Shuo Cheng</td> <td>02/16/2012</td> </tr> <tr> <td>James Phillip Young</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniel Lee Kaczman	02/21/2012	Haibo Cao	02/16/2012	Russ Alan Reisner	02/16/2012	Nai-Shuo Cheng	02/16/2012	James Phillip Young	02/16/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Skyworks Solutions, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>20 Sylvan Road</td> </tr> <tr> <td>City:</td> <td>Woburn</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01801</td> </tr> </table>		Name:	Skyworks Solutions, Inc.	Street Address:	20 Sylvan Road	City:	Woburn	State/Country:	MASSACHUSETTS	Postal Code:	01801		
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CORRESPONDENCE DATA													
<p>Fax Number: (949)231-3206</p> <p>Phone: 9492313073</p> <p>Email: ip.docketing@skyworksinc.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Donald Bollella</p> <p>Address Line 1: 5221 California Avenue, 21-1</p> <p>Address Line 4: Irvine, CALIFORNIA 92617</p>													
ATTORNEY DOCKET NUMBER:	11SKY0052.01 US												
NAME OF SUBMITTER:	Donald Bollella												

CH \$40.00 13328896

Total Attachments: 4

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**PATENT**

**REEL: 027761 FRAME: 0723**

**ASSIGNMENT**

**WHEREAS**, we, Daniel Lee Kaczman residing at 5110 Via El Molino, Newbury Park, California 91320; Haibo Cao residing at 801 E. Walnut Street, No. 1515, Pasadena, California 91101; Russ Alan Reisner residing at 4430 Camino de la Rosa, Newbury Park, California 91320; Nai-Shuo Cheng residing at 2334 Mountain Crest Circle, Thousand Oaks, California 91362; and James Phillip Young residing at 3036 Chancery Place, Thousand Oaks, California 91362 have invented certain new and useful APPARATUS AND METHODS FOR OSCILLATION SUPPRESSION 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 December 16, 2011 and assigned Application Serial No. 13/328,896, which derived priority benefit from U.S. Provisional Patent Application Serial No. 61/424,561 filed December 17, 2010; 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 Daniel Lee Kaczman, Haibo Cao, Russ Alan Reisner, Nai-Shuo Cheng, and James Phillip Young 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 APPARATUS AND METHODS FOR OSCILLATION SUPPRESSION 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 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 2012 as indicated below.

Daniel Lee Kaczman L.S.  
Daniel Lee Kaczman

Date: 2-21-2012

**Acknowledgment**

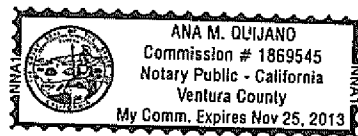
State of California )  
County of Ventura }

On this 21 day of February, 2012 before me, Ana M. Quijano, Notary Public, Notary Public, personally appeared Daniel Lee Kaczman, 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.

(Official Seal)



Ana M. Quijano  
Notary Public

\*\*\*\*\*

Haibo Cao L.S.  
Haibo Cao

Date: 2/16/2012

### Acknowledgment

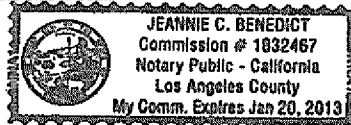
State of California )  
County of Ventura }

On this 16<sup>th</sup> day of February, 2012 before me, Jeannie C. Benedict, Notary Public, personally appeared Haibo Cao, 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.

(Official Seal)



Jeannie C. Benedict  
Notary Public

\*\*\*\*\*

Russ Alan Reisner L.S.  
Russ Alan Reisner

Date: 16 Feb 2012

### Acknowledgment

State of California )  
County of Ventura }

On this 16<sup>th</sup> day of February, 2012 before me, Jeannie C. Benedict, Notary Public, personally appeared Russ Alan Reisner, 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.

(Official Seal)



Jeannie C. Benedict  
Notary Public

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Nai-Shuo Cheng L.S.  
Nai-Shuo Cheng

Date: 2/16/2012

### Acknowledgment

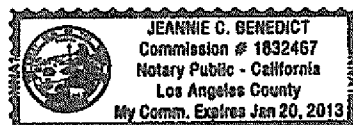
State of California )  
County of Ventura }

On this 16<sup>th</sup> day of February, 2012 before me, Jeannie C. Benedict, Notary Public, personally appeared Nai-Shuo Cheng, 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.

(Official Seal)



Jeannie C. Benedict  
Notary Public

\*\*\*\*\*

James Phillip Young L.S.  
James Phillip Young

Date: 2-16-2012

### Acknowledgment

State of California )

County of Ventura )

On this 16<sup>th</sup> day of February, 2012 before me, Jeannie C. Benedict, Notary Public, personally appeared James Phillip Young, 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.

(Official Seal)



Jeannie C. Benedict  
Notary Public

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