503342994 06/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3389614

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	ΑΤΑ			
		Name	Execution Date	
MICHAEL LYNN GERA	RD		05/05/2015	
RAMANAN BAIRAVAS	UBRAMAN	IIAM	05/05/2015	
DWAYNE ALLEN ROW	/LAND		06/02/2015	
MATTHEW LEE BANO	WETZ		05/05/2015	
RECEIVING PARTY D	ΑΤΑ			
Name:	Skywork	s Solutions, Inc.		
Street Address:	20 Sylva	20 Sylvan Road		
City:	Woburn			
State/Country:	MASSACHUSETTS			
Postal Code:	01801			
PROPERTY NUMBERS Total: 1 Property Type		Number	1	
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Application Number:		4531967		
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PATENT REEL: 035811 FRAME: 0725

ASSIGNMENT

WHEREAS, we, Michael Lynn Gerard residing at 4117 Wedgewood Drive, Cedar Rapids, lowa 52402; Ramanan Bairavasubramanian residing at 1400 Blairs Ferry Road, Apt. K2, Hiawatha, lowa 52223; Dwayne Alten Rowland residing at 657 Peach Orchard Road, Mayodan, North Carolina 27027; and Matthew Lee Banowetz residing at 2955 Abbey Road, Marlon, Iowa 52302, have invented a certain new and useful POWER AMPLIFIER BIAS CIRCUIT HAVING PARALLEL EMITTER FOLLOWER 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 November 3, 2014 and assigned Application Serial No. 14/531,967, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/004,141 filed May 28, 2014; 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 Michael Lynn Gerard, Ramanan Bairavasubramanian, Dwayne Allen Rowland, and Matthew Lee Banowelz 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 POWER AMPLIFIER BIAS CIRCUIT HAVING PARALLEL EMITTER FOLLOWER, 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 future infringement of the intellectual property rights hereby cold, assigned, and transferred, and we further hereby waive any and all moral rights under 17 U.S.C. § 106A or as so otherwise provided.

Assignment 14/531,967

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PATENT REEL: 035811 FRAME: 0726

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 toreign juriedictions, 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 Palents 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 2015 as indicated below.

LS. Michael Lynn Gerard

Date: 5/5/2015

Acknowledgment

UNITED STATES OF AMERICA

State of lowa

County of Linn) ss:

On MAN 5 2015, before ms. <u>Traine Aginess</u> personally appeared Michael Lynn Gerard, personally known to me (or 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 behalt of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature: Alle (lanew)



Page 2 of 4

PATENT REEL: 035811 FRAME: 0727 Docket Number 14SKY0175.01 US

<u>L. Rament re</u> L.S. Ramanan Bairavasubramanian

Date: 05 05 12015

Acknowledgment

UNITED STATES OF AMERICA

State of lowe) County of Let MM

On $\underline{May S}$, 2015, before the $\underline{Sufil Ag New}$, personally appeared Ramanan Bairavasubramawan, personally known to me (or 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 the authorized capacity, and that by this 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.

JULIE AGINEW Communian Number 1901/2 My Communian Expres Ache Korhan Notary Public Signature:

1 DQ L.S.

Dwavne Allen Rowland

Date: 6/02/15

Acknowledgment

ilford (S)County, North Carolina

I certify that Dwayne Allen Rowland personally appeared before me this day acknowledging to me that he voluntarily signed the foregoing document for the purposes stated therein.

6/2/2015 Oate:

NOTARY PUBLIC JANN G. LUND CONDANYERSON COUNTY, NC

Stonaturé <u>Lund</u> , Notary Public (Notary's printed or typed name) 2019 My commission expires: 1119

Page S of 4 PATENT REEL: 035811 FRAME: 0728

Assignment 14/531,967

PATENT

Mathon Lu	here and the	L.S.
Matthew Lee	Banowetz	

Date: 5/5/2015

Acknowledgment

UNITED STATES OF AMERICA

State of lows } st: County of Lin n }

 $\begin{array}{c} 0n \underbrace{May 5}_{\text{personally knowledges to me}} \underbrace{5u/(eA,q,h,ea)}_{\text{personally knowledges to me}} \\ personally knowledges to me (or prevent to me on the basis of satisfactory evidence) to be the person whose name is subsortied to the within instrument and acknowledges to me that he executed the same in his subhorized capacity, and that by his signalure on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument. \\ \end{array}$

WITNESS my hand and official seal.



Bignature: _ Wotary Puö

Assignment 14/531,987

RECORDED: 06/09/2015