

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6593635

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PORTLAND STATE UNIVERSITY	02/23/2021
RECEIVING PARTY DATA	
Name:	SKYWORKS SOLUTIONS, INC.
Street Address:	5260 CALIFORNIA AVENUE
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92617
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16603486
Application Number:	62484278
CORRESPONDENCE DATA	
Fax Number:	(949)854-1008
<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>	
Phone:	9492313073
Email:	ip.docketing@skyworksinc.com
Correspondent Name:	DONALD BOLLELLA
Address Line 1:	5221 CALIFORNIA AVENUE, 21-1
Address Line 4:	IRVINE, CALIFORNIA 92617
ATTORNEY DOCKET NUMBER:	AVPS 18100102(P1)WOUS
NAME OF SUBMITTER:	DONALD BOLLELLA
SIGNATURE:	/Donald Bollella/
DATE SIGNED:	03/10/2021
Total Attachments: 3	
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**ASSIGNMENT OF INVENTION AND PATENT APPLICATIONS
FROM PORTLAND STATE UNIVERSITY TO SKYWORKS SOLUTIONS, INC.**

WHEREAS, Portland State University, a higher educational institution duly chartered and existing under the laws of the State of Oregon, having a principal place of business at 1721 SW Broadway, Portland, Oregon 97201 (hereinafter "Portland State") owns an interest in U.S. Patent Application No. 16/603,486 titled WIDEBAND ACOUSTIC POSITIONING WITH PRECISION CALIBRATION AND JOINT PARAMETER ESTIMATION as filed on October 7, 2019 which claimed priority to PCT Application No. PCT/US2018/027180 which in turn claimed priority to U.S. Provisional Application No. 62/484,278 and which was nationalized as Canadian Application CA 3,059,889, Chinese Application CN 201880035344.2, European Application EP 18784407.1, Korean Application KR 10-2019-7033295, and Hong Kong Application HK 62020011367.3 (hereinafter "said Patent Applications").

WHEREAS, Skyworks Solutions, Inc., a Delaware corporation having principal offices at 5260 California Avenue, Irvine, California 92617 (hereinafter "SKYWORKS"), desires to acquire Portland State's entire right, title, and interest in and to said Patent Applications, any and all inventions and improvements disclosed therein, all Letters Patent to be had therefor, all rights to exclusively claim priority thereto, and all foreign rights associated therewith.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, said Portland State by these presents does hereby sell, assign, and transfer, unto SKYWORKS, its successors, legal representatives, and assigns, its entire right, title, and interest throughout the world in, to, and under said Patent Applications, and any and all inventions and improvements described therein, such right, title, and interest expressly including the exclusive and sole right so hereby transferred to SKYWORKS to claim priority to the above said provisional application, USSN 62/484,278, for the benefit of any subsequently filed non-provisional United States, International, or foreign patent applications including said USSN 16/603,486, said PCT/US2018/027180, and said CA 3,059,889, CN 201880035344.2, EP 18784407.1, KR 10-2019-7033295, and HK 62020011367.3, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to said Patent Applications and any further such which have been or shall be filed in the United States, and in and to any 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 said Patent Applications as prepared for and filed in any and all foreign countries, and any additional Letters Patents to be issued thereon for any foreign countries, said entire right, title, and interest being the same for SKYWORKS own use and for the use of its successors, legal representatives, and assigns 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 Portland State had this assignment and sale not been made. And Portland State does hereby acknowledge, agree, and understand that this assignment conveys any and all other intellectual property rights in said Patent Applications including, but not limited to, copyright rights, copyrightable subject matter, copyright registrations, mask works, know how, trade secrets, 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 Portland State further hereby waives any and all moral rights under 17 U.S.C. § 106A or as so otherwise provided.

Portland State does further hereby sell, assign, transfer, and convey to SKYWORKS, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of this assignment to SKYWORKS, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past, current, or future infringements of said Patent Applications, and all foreign counterparts thereof, such including all infringements whether occurring before or after issuance of any of the applications or inventions herein so conveyed.

And Portland State, for itself, its successors, its legal representatives, and its assigns hereby covenants to and with said SKYWORKS, its successors, legal representatives, and assigns, that it has full right to sell, assign, and transfer its whole right, title, and interest in and to said inventions and improvements, said non-provisional, provisional, PCT, and foreign applications, and all the Letters Patent to be had therefor and that its entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And said Portland State also, for itself, its successors, its legal representatives, and its assigns, does hereby further covenant to, and with said SKYWORKS, its successors, legal representatives, and assigns, to fully cooperate therewith in the prosecution of the aforesaid Patent 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 Patent Applications, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And Portland State does 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 said Portland State, 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. Portland State also agrees 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.

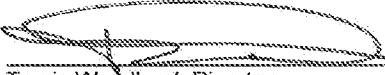
And Assignor Portland State does hereby covenant and agree that it will communicate to SKYWORKS, its successors, legal representatives, and assigns any facts known to Portland State respecting said Patent Applications, promptly upon becoming aware of those facts, and that it will testify in any legal proceeding involving said Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid SKYWORKS, its successors, legal representatives, and assigns to obtain and enforce said Patent Applications, in all countries throughout the world, at SKYWORKS' expense for any costs to Portland State above de minimus business expenses.

And SKYWORKS, does hereby covenant and agree not to enforce its rights in the Patent Applications against Portland State or the State of Oregon, including but not limited to bringing suit for infringement of USSN 62/484,278, or any subsequently filed non-provisional United States, International, or foreign patent applications including PCT/US2018/027180, CA 3,059,889, CN

201880035344.2, EP 18784407.1, KR 10-2019-7033295, HK 62020011367.3, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to said Patent Applications.

IN TESTIMONY WHEREOF, Portland State, by its duly authorized representative, executes this Assignment on behalf of itself and its inventor on the date indicated below.

Portland State University

By: 
Travis Woodland, Director

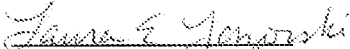
Date: February 23, 2021

Acknowledgment

State of Oregon

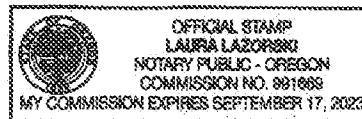
County of Multnomah

This record was acknowledged before me on February 23, 2021 by Travis Woodland.


Notary Public - Status: Oregon

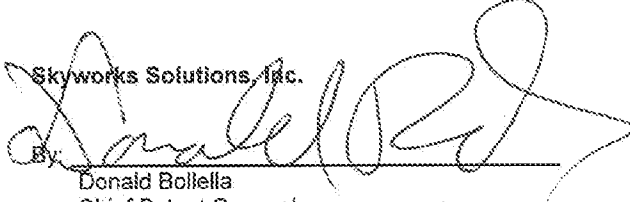
Print Name: LAURA E. LAZORSKI

My Commission Expires: 09/17/23



Acknowledged and Accepted:

Skyworks Solutions, Inc.

By: 
Donald Boliella
Chief Patent Counsel

Date: March 5, 2021

Acknowledgment

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

State of California)

County of Orange)

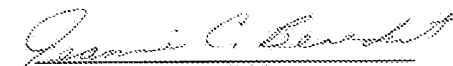
On this 5th day of March, 2021 before me, Jeannie C. Benedict, Notary Public, personally appeared Donald Boliella, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her 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)




Notary Public