

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RETO ZINGG	02/28/2019
VICTOR M. GROTHEN	02/28/2019
WAYNE LEE JOHNSON	02/28/2019
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RECEIVING PARTY DATA	
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Postal Code:	95403
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16289493
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	20190016-01
NAME OF SUBMITTER:	CRIS E. JOHNSON
SIGNATURE:	/Cris E. Johnson/
DATE SIGNED:	02/28/2019
Total Attachments: 2	
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KEYSIGHT TECHNOLOGIES, INC.
Legal Department
Intellectual Property Administration
900 South Taft Avenue
Loveland, Colorado 80537

Attorney Docket No. 20190016-01

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to KEYSIGHT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Santa Rosa, California, (hereinafter KEYSIGHT), in furtherance of my/our obligations to KEYSIGHT, and do hereby assign and transfer to KEYSIGHT, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

PHASE STABILIZATION FOR A FREQUENCY MULTIPLIER

Filing date: February 28, 2019

Serial No.: 16/289,493

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIP's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize KEYSIGHT to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by KEYSIGHT, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made,

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to KEYSIGHT, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to KEYSIGHT, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIP's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid KEYSIGHT, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by KEYSIGHT;

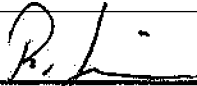
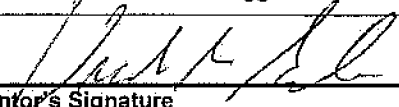
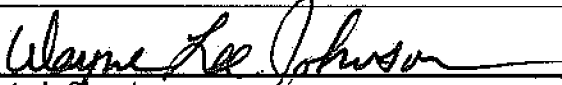

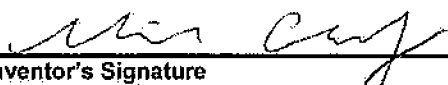
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to KEYSIGHT, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

KEYSIGHT TECHNOLOGIES, INC.
Legal Department
Intellectual Property Administration
900 South Taft Avenue
Loveland, Colorado 80537

Attorney Docket No. 20190016-01

I/we further authorize and direct KEYSIGHT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

ASSIGNMENT OF PATENT APPLICATION (con't)

 Inventor's Signature Inventor's Name Reto Zingg	Date Assignment Signed <u>2/28/2019</u> Date Application Signed <u>2/28/2019</u>
 Inventor's Signature Inventor's Name Victor M. Grothen	Date Assignment Signed <u>2/28/2019</u> Date Application Signed <u>2/28/2019</u>
 Inventor's Signature Inventor's Name Wayne Lee Johnson	Date Assignment Signed <u>2/28/2019</u> Date Application Signed <u>2/28/2019</u>
 Inventor's Signature Inventor's Name Lucia Cascio	Date Assignment Signed <u>2/28/2019</u> Date Application Signed <u>2/28/2019</u>
 Inventor's Signature Inventor's Name Hsiang-Yi Chung	Date Assignment Signed <u>2/28/2019</u> Date Application Signed <u>2/28/2019</u>