

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8343665

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDWARD VERNON BRUSH IV	12/15/2017
NEIL MARTIN FORCIER	12/14/2017
FEI FRED WANG	12/15/2017
WEN ZHANG	12/15/2017
ZHEYU ZHANG	12/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KEYSIGHT TECHNOLOGIES, INC.
<b>Street Address:</b>	1400 FOUNTAINGROVE PARKWAY
<b>City:</b>	SANTA ROSA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95403
<b>Name:</b>	UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION
<b>Street Address:</b>	600 HENLEY STREET, SUITE 211
<b>City:</b>	KNOXVILLE,
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37996
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16864344
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(571)283-0740
<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>Email:</b>	notice.legal@keysight.com
<b>Correspondent Name:</b>	KEYSIGHT TECHNOLOGIES, INC.
<b>Address Line 1:</b>	900 SOUTH TAFT AVENUE
<b>Address Line 4:</b>	LOVELAND, COLORADO 80537
<b>ATTORNEY DOCKET NUMBER:</b>	20170584-04
<b>NAME OF SUBMITTER:</b>	CRIS E. JOHNSON

<b>SIGNATURE:</b>	/Cris E. Johnson/
<b>DATE SIGNED:</b>	12/21/2023
<b>Total Attachments: 5</b> source=20170584-01_KYS_Assignment#page1.tif source=20170584-01_KYS_Assignment#page2.tif source=20170584-01_KYS_Assignment#page3.tif source=20170584-01_UTK_Assignment#page1.tif source=20170584-01_UTK_Assignment#page2.tif	

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

**Attorney Docket No. 20170584-01**

**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:

**FIXTURE FOR OBSERVING CURRENT FLOW THROUGH A SET OF RESISTORS**

**Filing date:** December 15, 2017

**Serial No.:** 15/843,723


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.

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.

 _____ Inventor 1 Signature Inventor 1 Name: <u>Edward Vernon Brush IV</u>	Date Assignment Signed: <u>___12/15/2017___</u> Date Application Signed: <u>___12/14/2017___</u>
_____ Inventor 1 Signature Inventor 1 Name: <u>Neil Martin Forcier</u>	Date Assignment Signed: _____ Date Application Signed: _____

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.

<u>Inventor 1 Signature</u> <u>Inventor 1 Name: Edward Vernon Brush IV</u>	Date Assignment Signed: _____ Date Application Signed: _____
 <u>Inventor 1 Signature</u> <u>Inventor 1 Name: Neil Martin Forcier</u>	Date Assignment Signed: <u>12/14/17</u> Date Application Signed: <u>12/14/17</u>

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

**Attorney Docket No. 20170584-01**

**ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to University of Tennessee Research Foundation, a Tennessee non-profit corporation having its principal place of business in Tennessee (hereinafter UTRF), in furtherance of my/our obligations to UTRF, and do hereby assign and transfer to UTRF, 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:

**FIXTURE FOR OBSERVING CURRENT FLOW THROUGH A SET OF RESISTORS**

**Filing date: December 15, 2017**

**Serial No.: 15/843,723**

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 UTRF, 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;


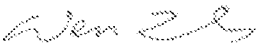
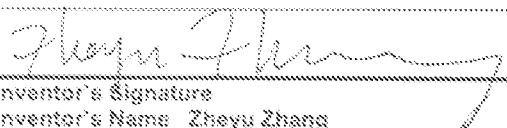
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to UTRF, as assignee of the entire right, title and 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 if 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. 20170584-01

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 file 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

 Inventor's Signature Inventor's Name Fei Fred Wang	Date Assignment Signed <u>12/15/2017</u> Date Application Signed _____
 Inventor's Signature Inventor's Name Wen Zhang	Date Assignment Signed <u>12/15/2017</u> Date Application Signed <u>12/15/2017</u>
 Inventor's Signature Inventor's Name Zheyu Zhang	Date Assignment Signed <u>12/15/2017</u> Date Application Signed _____