

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7255143

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADAM OWENS	09/29/2020
ALAN D. NOLET	10/01/2020
ANDREW HAYNES LIOTTA	11/17/2019
TROY BENTON HOLLAND	01/14/2021
THOMAS JACOB HAMMANN	11/05/2019
HEIDI BATES	10/31/2019
DANIEL GOIA	10/01/2020
VISHWAS VINAYAK HARDIKAR	11/04/2019
AJEET KUMAR	10/01/2020
DANIEL LONG	10/05/2020
NICOLE MCGRAW	10/06/2020
RECEIVING PARTY DATA	
Name:	SAMTEC, INC.
Street Address:	520 PARK EAST BOULEVARD
City:	NEW ALBANY
State/Country:	INDIANA
Postal Code:	47150-7251
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17765365
CORRESPONDENCE DATA	
Fax Number:	(215)568-3439
<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:	2155683100
Email:	assignments@bakerlaw.com
Correspondent Name:	BAKER HOSTETLER LLP
Address Line 1:	1735 MARKET STREET
Address Line 2:	SUITE 3300
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103-7501

ATTORNEY DOCKET NUMBER:	107030.000418
NAME OF SUBMITTER:	VALERIE CHICCHI
SIGNATURE:	/Valerie Chicchi/
DATE SIGNED:	03/31/2022

Total Attachments: 22

source=EXECUTED_ASSIGNMENT_62_923737#page1.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page2.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page3.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page4.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page5.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page6.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page7.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page8.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page9.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page10.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page11.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page12.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page13.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page14.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page15.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page16.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page17.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page18.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page19.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page20.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page21.tif
 source=EXECUTED_ASSIGNMENT_62_923737#page22.tif

ASSIGNMENT

WHEREAS, I, **Adam Owens**, citizen of the the **United States of America**, residing at **10400 Perwinkle Court, Louisville, Kentucky 40291**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

DOCKET NO.: 107030.000194 / S1105

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 29th day of September, year of 2020.



Signature

Adam Owens

STATEMENT OF WITNESS

SIGNED at NEW ALBANY, IN UNITED STATES

(City)

(Country)

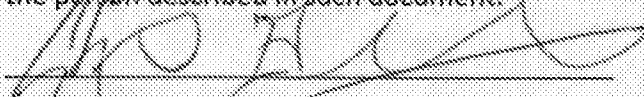
This 29 day of SEPTEMBER, 20120.

I, CHRIS PELKEY whose full

residence address is 1105 SPORTSMAN DR

JEFFERSONVILLE IN 47130

was personally present and did see Adam Owens execute the above assignment on the 29 day of SEPTEMBER, 20120, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Alan D. Nolet**, citizen of the **United States of America**, residing at 10 Sheldon Way, Hillsborough, California 94010, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

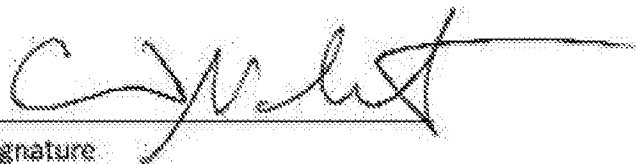
AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 1st day of October, year of 2020



Signature

Alan D. Nolet

STATEMENT OF WITNESS

SIGNED at Hillsborough CA USA

(City)

(Country)

This 1st day of October, 2020

I, JUVANNE NOLET whose full

residence address is 10 SHELDON WAY, HILLSBOROUGH CA 94012

was personally present and did see Alan D. Nolet execute the above assignment on the 1st day of OCTOBER, 2020, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, Andrew Haynes Liotta, citizen of the United States of America, residing at 335 Western Avenue, Unit 1, Cambridge, Massachusetts 02139, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 62/923,737 filed October 21, 2019 ("the invention"), which is entitled Electrically Conductive Vias and Methods For Producing Same ("the subject application").

AND WHEREAS, SAMTEC, INC., ASSIGNEE, having a place of business at 520 Park East Boulevard, New Albany, Indiana 47150, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

DOCKET NO.: 107030.000194 / S1105

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 17th day of November, year of 2019.



Signature

Andrew Haynes Liotta

STATEMENT OF WITNESS

SIGNED at 335 Western Ave

(City) Boston

(Country) United States of America

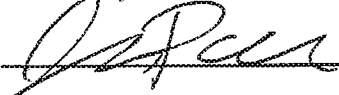
This 17 day of November, 2019.

I, Joseph Papangelis whose full

residence address is 1721 Chestnut Street San Carlos,

California, USA

was personally present and did see Andrew Haynes Liotta execute the above assignment on the 17 day of November, 2019, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Troy Benton Holland**, citizen of the **United States of America**, residing at 1866 N. Bramble Lane, Idaho Falls, Idaho 84302, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

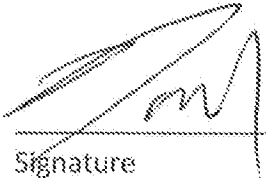
AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 14th day of January, year of 2021.


Signature

Troy Benton Holland

STATEMENT OF WITNESS

SIGNED at Idaho Falls, Idaho USA

(City)

(Country)

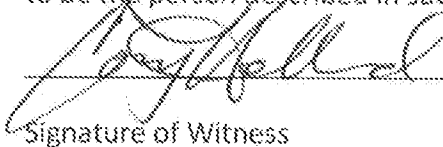
This 14th day of January, 2021.

I, Cory Holland whose full

residence address is 1866 N. Bramble Ln.

Idaho Falls, ID 84302

was personally present and did see Troy Benton Holland execute the above assignment on the 14th day of January, 2021 and such assignor is personally known to me to be the person described in such document.


Signature of Witness

ASSIGNMENT

WHEREAS, I, **Thomas Jacob Hammann**, citizen of the **United States of America**, residing at 6145 Vessey Road, Colorado Springs, Colorado 80908, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

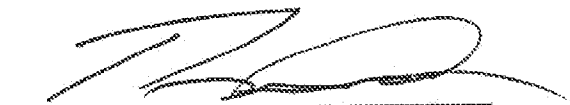
AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 5th day of November, year of 2019.



Signature

Thomas Jacob Hammann

STATEMENT OF WITNESS

SIGNED at Colorado Springs, CO USA

(City)

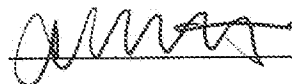
(Country)

This 5th day of November, 2019.

I, Ashley Nicole Hammann whose full

residence address is 1445 Vessey Rd, Colorado Springs, CO 80908

was personally present and did see Thomas Jacob Hammann execute the above assignment on the 5th day of November, 2019, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Heidi Bates**, citizen of the **United States of America**, residing at 4369 Villager Drive, Colorado Springs, Colorado 80911, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

DOCKET NO.: 107030.000194 / S1105

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 31 day of October, year of 2019.

Heidi Bates

Signature

Heidi Bates

STATEMENT OF WITNESS

SIGNED at 5050 LIST DRIVE 80919

(City)

(Country)

This 31 day of OCTOBER, 2019.

I, GARY SHADE whose full

residence address is 15005 DAWSON CREEK DR.
MONUMENT, CO 80132

was personally present and did see Heidi Bates execute the above assignment on the 31 day of OCTOBER, 2019, and such assignor is personally known to me to be the person described in such document.

Gary F. Shade

Signature of Witness

ASSIGNMENT

WHEREAS, I, **Daniel Goia**, citizen of the **United States of America**, residing at 48 Stirrup Lane, Flemington, New Jersey 08822, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 1 day of October, year of 2020.



Signature

Daniel Goia

STATEMENT OF WITNESS

SIGNED at South Plainfield, NJ, USA

(City)

(Country)

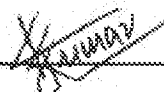
This 01 day of October, 2020.

I, AJEET KUMAR whose full

residence address is 1918 ASPEN CT, PISCATAWAY

NEW JERSEY 08854

was personally present and did see Daniel Goia execute the above assignment on the 01 day of October, 2020, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Vishwas Vinayak Hardikar**, citizen of the **United States of America**, residing at 12852 Corbett Court, San Diego, California 92130, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 4th day of November, year of 2019.

Hardikar

Signature

Vishwas Vinayak Hardikar

STATEMENT OF WITNESS

SIGNED at San Diego, USA

(City)

(Country)

This 4th day of November, 2019.

I, Netra Joshi whose full

residence address is 12852 Corbett Ct., San Diego, CA 92130

was personally present and did see Vishwas Vinayak Hardikar execute the above assignment on the 4th day of November, 2019, and such assignor is personally known to me to be the person described in such document.

Joshi

Signature of Witness

ASSIGNMENT

WHEREAS, I, Ajeet Kumar, citizen of India, residing at 1918 Aspen Ct, Piscataway, New Jersey 08854, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 62/923,737 filed October 21, 2019 ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, SAMTEC, INC., ASSIGNEE, having a place of business at 520 Park East Boulevard, New Albany, Indiana 47150, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.


AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

DOCKET NO.: 107030.000194 / S1105

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 01 day of October, year of 2020.



Signature
Ajeet Kumar

STATEMENT OF WITNESS

SIGNED at South Plainfield, NJ, USA

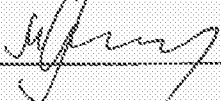
(City) (Country)

This 01 day of October, 2020.

I, Mariana Atanassova whose full

residence address is 63 Farrell Ct
Staten Island, NY, 10306

was personally present and did see Ajeet Kumar execute the above assignment on the 01 day of October, 2020, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Daniel Long**, citizen of the **United States of America**, residing at **4011 Bancroft Drive, El Dorado Hills, California 95762**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

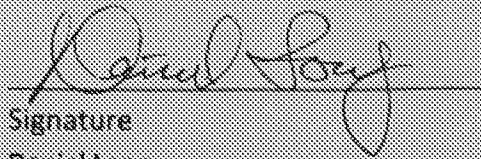
AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 5th day of OCTOBER, year of 2020.



Signature

Daniel Long

STATEMENT OF WITNESS

SIGNED at EL DORADO Hills, CA USA

(City)

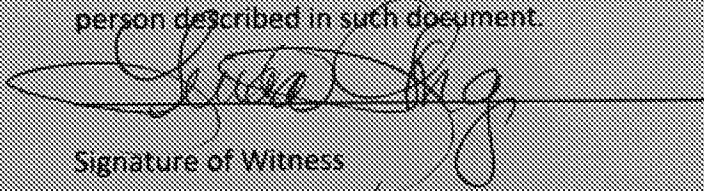
(Country)

This 5th day of OCTOBER, 2020.

I, LINDA LONG whose full

residence address is 4011 BAUCROFT DR, EL DORADO HILLS, CA

was personally present and did see Daniel Long execute the above assignment on the 5th day of OCTOBER, 2020, and such assignor is personally known to me to be the person described in such document.



Signature of Witness

ASSIGNMENT

WHEREAS, I, **Nicole McGraw**, citizen of the **United States of America**, residing at 7425 Julynn Road, Colorado Springs, Colorado 80919, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number **62/923,737** filed **October 21, 2019** ("the invention"), which is entitled **Electrically Conductive Vias and Methods For Producing Same** ("the subject application").

AND WHEREAS, **SAMTEC, INC.**, ASSIGNEE, having a place of business at **520 Park East Boulevard, New Albany, Indiana 47150**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors,

legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 6 day of October, year of 2020.

Nicole P. McGraw

Signature

Nicole McGraw

STATEMENT OF WITNESS

SIGNED at Colorado Springs, Colorado, USA

(City)

(Country)

This 6th day of October, 2020.

I, Danny L. McGraw whose full

residence address is 540 Paisley Drive, Colorado Springs
Colorado

was personally present and did see Nicole McGraw execute the above assignment on the 6th day of October, 2020, and such assignor is personally known to me to be the person described in such document.

Danny L. McGraw

Signature of Witness