

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4453948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CYPRIAN EMEKA UZOH	03/13/2015
CHARLES G. WOYCHIK	03/13/2015
ARKALGUD R. SITARAM	03/24/2015
HONG SHEN	03/13/2015
ZHUOWEN SUN	03/13/2015
LIANG WANG	03/13/2015
GUILIAN GAO	03/24/2015
RECEIVING PARTY DATA	
Name:	INVENSAS CORPORATION
Street Address:	3025 ORCHARD PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15619160
CORRESPONDENCE DATA	
Fax Number:	
<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:	214-651-5000
Email:	ipdocketing@haynesboone.com
Correspondent Name:	MICHAEL SHENKER
Address Line 1:	2323 VICTORY AVENUE
Address Line 2:	SUITE 700
Address Line 4:	DALLAS, TEXAS 75219
ATTORNEY DOCKET NUMBER:	48259.225US03
NAME OF SUBMITTER:	MICHAEL SHENKER
SIGNATURE:	/ Michael Shenker, Reg. No. 34,250 /
DATE SIGNED:	06/09/2017

PATENT

Total Attachments: 8

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COMBINED DECLARATION UNDER 37 CFR 1.63 AND ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I,
an ASSIGNOR named below,

Cyprian Emeka UZOH of San Jose, California, US
Charles G. WOYCHIK of San Jose, California, US
Arkalgud R. SITARAM of Cupertino, California, US
Hong SHEN of Palo Alto, California, US
Zhuowen SUN of Campbell, California, US
Liang WANG of Milpitas, California, US
Guilian GAO of San Jose, California, US

hereby sell, assign and transfer to

ASSIGNEE: **INVENSAS CORPORATION**, a Delaware corporation having a place of
business at 3025 Orchard Parkway, San Jose, CA 95134,

its successors, assigns and legal representatives, my entire right, title and interest throughout
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on _____, or
- ☒ U.S. Patent Application No.: 14/633,746, filed on February 27, 2015
- ☐ International Application No.: PCT/_____, filed on _____

ENTITLED: **MICROELECTRONIC COMPONENTS WITH FEATURES
WRAPPING AROUND PROTRUSIONS OF CONDUCTIVE VIAS
PROTRUDING FROM THROUGH-HOLES PASSING THROUGH
SUBSTRATES**

and naming as

INVENTOR(S): **Cyprian Emeka UZOH, Charles G. WOYCHIK, Arkalgud R.
SITARAM, Hong SHEN, Zhuowen SUN, Liang WANG, and
Guilian GAO**

including without limitation, my entire right, title and interest in and to any and all United
States and foreign applications (including any and all provisional, international, regional and
foreign national applications) for said invention(s), including non-provisionals, divisions,
continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to
any and all patents of every country or region that may be granted or have been granted for said
invention(s), including any reissues and reexaminations thereof.

OATH/DECLARATION

This Assignment may also serve as an oath or declaration in accord with 37 C.F.R. § 1.63(e)
and, as such, as an inventor executing below, I do hereby state that I believe I am the original
inventor or an original joint inventor of an invention claimed in any above-identified U.S.
Patent Application or International Application designating the United States and do hereby
state that such application is and was made or authorized to be made by me. I hereby
acknowledge that any willful false statement made in this declaration is punishable under 18
U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT - STATEMENT

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all U.S. and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

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.

Executed on March 13, 2015

by

Cyprian Emeka Uzoh
Cyprian Emeka Uzoh

----- Notary Use Below -----

ACKNOWLEDGMENT

State of California)

County of Santa Clara)

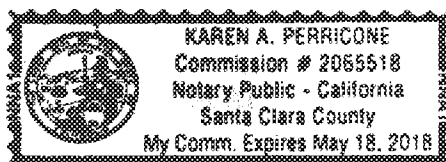
NOTARY

On March 13, 2015, before me, Karen A. Perricone, Notary Public,
(Date) (Printed Name of Notary)

personally appeared Cyprian Emeka Uzoh,
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Karen A. Perricone
Signature of Notary

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.

Executed on 3/13/2015 by Charles G. Woychik
 Charles G. Woychik

----- Notary Use Below -----

ACKNOWLEDGMENT

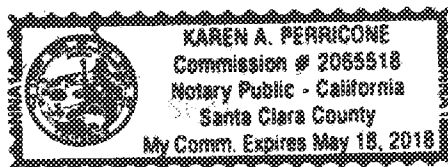
State of California)
 County of Santa Clara)

On March 13, 2015, before me, Karen A. Perricone, Notary Public,
 (Date) (Printed Name of Notary)

personally appeared Charles G. Woychik,
 (Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ she/they executed the same in ~~his~~ her/their authorized capacity(ies), and that by ~~his~~ her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Karen A. Perricone

Signature of Notary

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.

Executed on 03/24/2015

by

Arkalgud R. Sitaram
Arkalgud R. Sitaram

----- Notary Use Below -----

ACKNOWLEDGMENT

State of California)

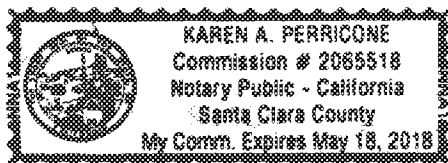
County of Santa Clara)

On March 24, 2015, before me, Karen A. Perricone, Notary Public,
(Date) (Printed Name of Notary)

personally appeared Arkalgud R. Sitaram,
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he~~ ~~she~~ ~~they~~ executed the same in ~~his~~ ~~her~~ ~~their~~ authorized capacity(ies), and that by ~~his~~ ~~her~~ ~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Karen A. Perricone
Signature of Notary

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Executed on 2/15/2015

by 
Hong Shen

----- Notary Use Below -----

ACKNOWLEDGMENT

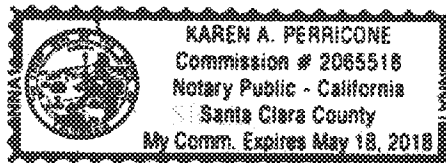
State of California)
 County of Santa Clara)

On March 13, 2015, before me, Karen A. Perricone, Notary Public,
 (Date) (Printed Name of Notary)

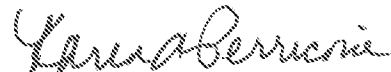
personally appeared Hong Shen
 (Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ she ~~they~~ executed the same in ~~his~~ her ~~their~~ authorized capacity(ies), and that by ~~his~~ her ~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

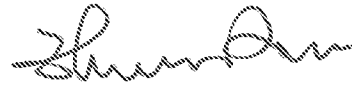
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.


 Signature of Notary

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.

Executed on 03/13/15 by 
Zhuowen Sun

----- Notary Use Below -----

ACKNOWLEDGMENT

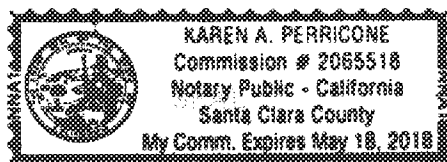
State of California)
 County of Santa Clara)

On MARCH 13, 2015, before me, Karen A. Perricone, Notary Public,
 (Date) (Printed Name of Notary)


personally appeared Zhuowen Sun
 (Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ subscribed to the within instrument and acknowledged to me that ~~he~~ ~~she~~ ~~they~~ executed the same in ~~his~~ ~~her~~ ~~their~~ authorized capacity(ies), and that by ~~his~~ ~~her~~ ~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.


 Signature of Notary

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Executed on

03/13/2015

by



Liang Wang

----- Notary Use Below -----

ACKNOWLEDGMENT

State of California)

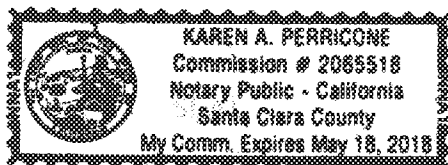
County of Santa Clara)

On March 13, 2015, before me, Karen A. Perricone, Notary Public,
(Date) (Printed Name of Notary)

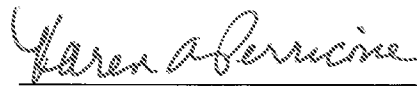
personally appeared Liang Wang,
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.



Signature of Notary

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Executed on 3/24/2015 by Guilian Gao
Guilian Gao

----- Notary Use Below -----

ACKNOWLEDGMENT

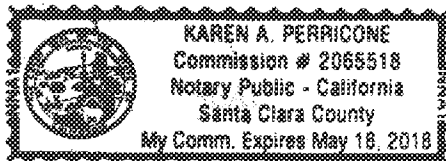
State of California)
County of Santa Clara)

On March 24, 2015, before me, Karen A. Perricone, Notary Public,
(Date) (Printed Name of Notary)

personally appeared Guilian Gao,
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Karen A. Perricone
Signature of Notary