## 504147725 12/15/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
BONG-SUB LEE	02/13/2015
CYPRIAN EMEKA UZOH	02/12/2015
CHARLES G. WOYCHIK	02/12/2015
LIANG WANG	02/12/2015
LAURA WILLS MIRKARIMI	02/19/2015
ARKALGUD R. SITARAM	02/12/2015

### **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:	15380172

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 214-651-5000

**Email:** ipdocketing@haynesboone.com

Correspondent Name: MICHAEL SHENKER
Address Line 1: 2323 VICTORY AVENUE
Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER:	48259.221US02
NAME OF SUBMITTER: MICHAEL SHENKER	
SIGNATURE: /Michael Shenker/	
<b>DATE SIGNED:</b> 12/15/2016	
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 040992 FRAME: 0215

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# Total Attachments: 7 source=48259-221US02-Declaration#page1.tif source=48259-221US02-Declaration#page2.tif source=48259-221US02-Declaration#page3.tif source=48259-221US02-Declaration#page4.tif source=48259-221US02-Declaration#page5.tif source=48259-221US02-Declaration#page6.tif

source=48259-221US02-Declaration#page7.tif

PATENT REEL: 040992 FRAME: 0216

### 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,

Bong-Sub LEE of Mountain View, California, US
Cyprian Emeka UZOH of San Jose, California, US
Charles G. WOYCHIK of San Jose, California, US
Liang WANG of Milpitas, California, US
Laura Wills MIRKARIMI of Sunol, California, US
Arkalgud R. SITARAM of Cupertino, California, US

hereby sell, assign and transfer to

A55	IGNEE:	business at 3025 Orchard Parkway, San Jose, CA 95134,	
		ns and legal representatives, my entire right, title and interest throughout all rights to claim priority, in and to the invention(s) disclosed in:	
	U.S. Pat	ent Application executed on or about the date of this Assignment,	
	U.S. Pat	ent Application executed on, or	
$\boxtimes$	U.S. Pat	ent Application No.: 14/602,984 , filed on January 22, 2015	
	Internati	onal Application No.: PCT/, filed on	
ENT	TTLED:	INTERPOSERS AND FABRICATION METHODS THAT USE NANOPARTICLE INKS AND MAGNETIC FIELDS	
and nan	ing as		
INVE	NTOR(S):	Bong-Sub LEE, Cyprian Emeka UZOH, Charles G. WOYCHIK, Liang WANG, Laura Wills MIRKARIMI, and Arkalgud R. SITARAM	

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.

Attorney Docket No.: IN001-0136-US-01

PATENT REEL: 040992 FRAME: 0217 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 2/13/2015 by Bong-Sub Lee  Notary Use Below
ACKNOWLEDGMENT
State of <u>California</u> ) County of <u>Santa Clara</u> )
On 18.13 2015, before me, Junifer Koslic, Notary Public, (Printed Name of Notary)
personally appeared <u>Bong-Sub Lee</u> , (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.  JENNIFER KOSTIC  Commission # 1934890  Notary Public - California
Santa Glara County My Comm. Expires Jun 1, 2015 Signature of Notary

Page 2 of 7

Attorney Docket No.: IN001-0136-US-01

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 withfulness, accuracy, or validity of that document.  Executed on 2-12-2015  by Cyprian Emeka Uzoh  Notary Use Below ————————————————————————————————————		
ACKNOWLEDGMENT		
State of <u>California</u> ) County of <u>Santa Clara</u> )		
On <u>Cels. 12, 2015</u> , before me, <u>KACES A. Pervicara</u> , Notary Public, (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)  (s) as subscribed to the within instrument and acknowledged to me that he she/they  executed the same in his bes/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.		
KAREN A. PERRICONE Commission # 2065518 Notary Public - California Santa Clara County My Comm. Expires May 18, 2018 Signature of Notary  WITNESS my hand and official seal.  ULLUCIONE Signature of Notary		

Attorney Docket No.: IN001-0136-US-01

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 <u>Z-/Z-20/5</u> by <u>Maries G. Woychik</u>		
Notary Use Below		
ACKNOWLEDGMENT		
State of <u>California</u> ) County of <u>Santa Clara</u> )		
On FONWAY 17 2015, before me, Juniter Kostic, 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.  JENNIFER KOSTIC  Commission # 1934890  WITNESS my hand and official seal.		
Notary Public - California  Santa Clara County  My Comm. Expires Jun 1, 2015  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 OZ//2/2015 by Liang Wang		
Notary Use Below		
ACKNOWLEDGMENT		
State of California ) County of Santa Clara )		
On Feb. 12, 2015, before me, Karn D. Pentone, Notary Public, (Printed Name of Notary)		
personally appeared <u>Liang Wang</u> , (Printed Name of Inventor)		
(Printed Name of Inventor) who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (Sare subscribed to the within instrument and acknowledged to me that he she/shey executed the same in(his)her/their authorized capacity(jes); 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 Commission # 2065518 Notary Public - California Santa Clara County My Comm. Expires May 18, 2018 Signature of Notary		

Attorney Docket No.: IN001-0136-US-01

A notary public or other officer completing this condition individual who signed the document to which this ceraccuracy, or validity of that document.		
Executed on 2//9/20/5 by	Laura Wills Mirkarimi	
Notary Use B	elow	
ACKNOWLEDG	GMENT	
State of <u>California</u> ) County of <u>Santa Clara</u> )		
On <u>Feb. (9, 2015</u> , befor <u>e me, <b>KAE/</b>)</u>	A Paricone, Notary Public, (Printed Name of Notary)	
	ills Mirkarimi ,	
(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.		
KAREN A. PERRICONE Commission # 2065518 Notery Public - California Sama Clara County My Comm. Expires May 18, 2018	WITNESS my hand and official seal.  Your Pervicuse  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 FEB 12, 2015 by T, L L L Arkalgud R. Sitaram		
Notary Use Below		
ACKNOWLEDGMENT		
State of California ) County of Santa Clara )		
On Feb. 12 2015, before me, Jehnifer Koshe, Notary Public, (Printed Name of Notary)		
personally appearedArkalgud 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.		
JENNIFER KOSTIC Commission # 1934890 Notary Public - California Santa Clara County My Comm. Expires Jun 1, 2015 Signature of Notary		

Attorney Docket No.: IN001-0136-US-01

**RECORDED: 12/15/2016**