## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2759070

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY I	DATA					
1			Name	Execution Date		
GUILIAN GAO				03/07/2014		
RECEIVING PARTY D	ATA					
Name:	INVENSAS C	ORPOR	RATION			
Street Address:	3025 ORCHA	3025 ORCHARD PARKWAY				
City:	SAN JOSE					
State/Country:	CALIFORNIA					
Postal Code:	95134					
PROPERTY NUMBERS Total: 1  Property Type			Number			
Application Number:	<u> </u>	14201				
		)321-29	905			
CORRESPONDENCE Fax Number: Phone:	(408	)321-29 3216069				
Fax Number: Phone: Email:	(408 4083 clatt	3216069 in@tess	9 sera.com			
Phone: Email: Correspondence will b	(408 4083 clatt <i>e sent via US Ma</i>	3216069 in@tess <i>ail when</i>	9 sera.com n the email attempt is unsuccessful.			
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PATENT REEL: 032383 FRAME: 0061

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## ASSIGNMENT - STATEMENT

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

Guilian GAO of San Jose, California

Guilian Gao

hereby sell, assign and transfer to

INVENTOR(S):

ASSIGNEE:	INVENSAS CORPORATION business at 3025 Orchard Parky	N, a Delaware corporation having a place o way, San Jose, CA 95134,	Í
		entire right, title and interest throughout nd to the invention(s) disclosed in:	
U.S. P.	atent Application executed on or a stent Application executed on, finatent Application No.:, finatent Application No.:, file	, or led on	
	tional Application No.: PCT/		
ENTITLED:	Thermal Vias Disposed in	a Substrate Without a Liner Layer	

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.: IN001-0102-US-01

PATENT REEL: 032383 FRAME: 0062 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.

Executed on March 7th, 2014 by Guilian Gao	<u>oro_</u>					
ACKNOWLEDGMENT						
State of California ) County of Santa Clara )						
On March 7 2014, before me, Jennifer Kasic, N (Date) (Printed Name of Notary)	lotary Public,					
personally appeared Guilian Gao (Printed Name of Inventor)						
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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  WITNESS my hand and Signature of Notary	official seal.					

Page 2 of 2

Attorney Docket No.: IN001-0102-US-01