Form <b>PTO-1595</b> (Rev. 03-11) DMB No. 0851-0027 (exp. 03/31/2015)		U.S. DEPARTMENT OF COMMERC United States Patent and Trademark <u>Offic</u>		
RECORDATIO		M COVER SHEET		
PATI	ENTS	S ONLY		
To the Director of the U.S. Patent and Trademark Office	: Please i	record the attached documents or the new address(es) below.		
1. Name of conveying party(les):		2. Name and address of receiving party(les)		
Industrial Technology Research Institute (07/12/12)		Name: Invensas Corporation		
Additional name(s) of conveying party(les) pttached?	χNο	Internal Address:		
3. Nature of conveyance/Execution Date(s):				
Execution Date(s): In parentheses after inventor name		3025 Orchard Parkway		
X Assignment Merger Change of Nam				
Security Agreement Joint Research Agreeme	ent	City: San Jose		
Government Interest Assignment				
Executive Order 9424, Confirmatory License		Country: United States of America Zip: 95134  Additional name(s) & address(es) Yes X No		
Other		Additional name(s) & address(es) Yes X No attached?		
4. Application or patent number(s):  A. Patent Application No.(s)  11/905,869  13/533,251		This document is being filed together with a new application.  B. Patent No.(s)  7,294,920  7,528,009		
Additional numbers	attached?	Yes X No		
<ol><li>Name and address to whom correspondence concerning document should be mailed:</li></ol>		6. Total number of applications and patents involved:		
Name: Daryl K, Neff LERNER, DAVID, LITTENBERG KRUMHOLZ & MENTLIK, LLF		7. Total fee (37 CFR 1.21(h) & 3.41) \$ 160.00		
Internal Address: Atty. Dkt.: TIPI 5.2-033				
Street Address: 600 South Avenue West		X Authorized to be charged to deposit account  Enclosed		
		None required (government interest not affecting title		
City: Westfield		8. Payment Information		
State: NJ Zip: 070	90			
Phone Number: 908-654-5000		40 4005		
Fax Number: 908-654-7866 Email Address; ataylor@ldlkm.com		Deposit Account Number 12-1095 Authorized User Name Daryl K. Neff		
	•	- Carrette Greek Francis   Delly 1 12, 1901		
9. Signature:				
Um		August 1, 2012 		
Signature  Daryl K. Neff - 38,253		Total number of appear insteading south		
Name of Person Signing		sheet, attachments, and documents:		

2799050 1 DOC

PATENT REEL: 028708 FRAME: 0649

#### DEED OF ASSIGNMENT

THIS DEED OF ASSIGNMENT ("Assignment"), EFFECTIVE AS OF Telly 12 2012, IS MADE BY AND BETWEEN

INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE (hereinafter "ASSIGNOR"), a non-profit research institute organized under the laws of Taiwan, Republic of China with its principal place of business located at Rm 135, Bldg. 52, No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 310, Taiwan, R.O.C.; and

INVENSAS CORPORATION (hereinafter "INVENSAS"), a Delaware corporation having a place of business at 2702 Orchard Parkway, San Jose, California 95134, United States.

#### WHEREAS:

- A ASSIGNOR is the sole owner in respect of the patents and patent applications listed in the attached Appendix (hereinafter "the PATENTS"); and
- B INVENSAS is desirous of acquiring all of the worldwide right, title and interest in and to the PATENTS and the inventions claimed therein.

NOW, THEREFORE, for good and valuable consideration, receipt of which is bereby acknowledged, ASSIGNOR has sold, assigned and transferred, and does hereby sell, assign and transfer to INVENSAS all of the worldwide right, title and interest in (i) the PATENTS and the inventions and improvements disclosed therein; (ii) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, reexaminations and foreign counterparts thereof, and other patents, patent applications, certificates of invention other governmental grants resulting from the PATENTS; (iii) all patents and applications which claim priority to or have substantially identical disclosure or common priority with any such patents or patent applications, and (iv) any Purchased Patent that as of the Effective Date is subject to a Disclaimer Issue with respect to any other such patent or patent application; and (v) all rights corresponding to any of the foregoing throughout the world (including the right to claim the priority date of any of the PATENTS and the right to sue for and recover damages for any past, present or future infringement of the Patents), the same to be held and enjoyed by INVENSAS for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms of said PATENTS granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made.

IN WITNESS WHEREOF, ASSIGNOR has caused these presents to be signed by its duly appointed trustee having full authority to convey its property; and INVENSAS has caused these presents to be signed by its duly appointed trustee.

And if the Issue date and/or patent number of any of the PATENTS is unknown to ASSIGNOR and INVENSAS at the time this Assignment is executed. ASSIGNOR does hereby authorize its attorneys to insert on this Assignment the issue date and patent number of said any patent when known.

ASSIGNOR hereby declares that INVENSAS may take the steps for recordal of this assignment in the sole name of INVENSAS.

SIGNED for and on behalf of

Pin-Pin Chang (Director) (Print Name and Title)  ATTESTATION OF SIGNATURE
(Print Name and Title)
ATTESTATION OF SIGNATURE
The undersigned witnessed the signature of No. 1 to Charts to the above DEED OF ASSIGNMENT on behalf of Industrial Technology Research Institute and makes the following statements:  1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.  2. Part of Charts is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on the basis of satisfactory evidence and appeared before me on the basis of satisfactory evidence and appeared before me on the basi
SIGNED for and on behalf of
by (Signature) on July 30, 2017.  SIMON MCGAM, PROSIDENT (Print Name and Title)
State of California ) SS:
County of Santa Clara  On this 30 day of 2012 before me, appeared 5 mon MCE (ce. , who proved to me on the basis of sutisfactory evidence to be the person whose name is subscribed to the instrument and acknowledged to me that how executed the same in his/her authorized capacity, and that by his/her 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.
WITNESS my hand and official scal  SALINA DIAZ Commission # 1889526 Notary Public - California Santa Clara County My Comm. Expires May 18, 2014

D-2

# APPENDIX - LISTED PATENTS AND PATENT APPLICATIONS

## U.S. Issued Patents

	Issue Date	Application Number	Citing Date	Polent Namber
Wafer-leveled chip packaging structure and method thereof	11/13/2007	11/186,840	07/22/2005	7,294,920
Wafer-leveled chip packaging structure and method thereof	05/05/2009	11/785,612	04/19/2007	7,528,009

## U.S. Pending Applications

Application Number	Fing Dale	Publication Number	nie
11/905,869	10/05/2007	US 2008/0029870	Wafer-leveled chip packaging structure and method thereof
13/533,251	06/26/2012		Wafer-Leveled Chip Package Structure And Method Thereof

### Foreign Issued Patents

Country		Esting base	Рајені Хильеі	Tige
тw	93122038	07/23/2004	1250596	Wafer-leveled chip packaging structure and method thereof

D-3

PATENT REEL: 028708 FRAME: 0652