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06/13/2013

Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
RECORDATION FOR		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(as) below.	
1. Name of conveying party(les):	2. Name and address of receiving party(les)	
Michael N <del>e</del> wman (03/29/2013), Cyprian Emeka Uzoh (04/03/2013), Charles G. Woychik	Name: Invensas Corporation	
(04/03/2013),	Internal Address:	
Additional name(s) of conveying party(ies) attached?	Street Address:	
3. Nature of conveyance/Execution Date(s):		
Execution Date(s): in parentheses after inventor name	2702 Orchard Parkway	
X Assignment Merger Change of Name		
Security Agreement Joint Research Agreement	City: San Jose	
Government Interest Assignment	Stale: California	
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 95134	
	Additional name(s) & address(es) Yes X No	
A. Patent Application No.(s) 13/776,035 Additional numbers attached	B. Patent No.(6)	
5. Name and address to whom correspondence concerning document should be mailed:	8. Total number of applications and 1 patents involved:	
Name: Daryl K. Neff LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty, Okt.: TIP1 3.0-825		
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: 07090		
Phone Number: 908-654-5000		
Fax Number: 908-654-7866	Deposit Account Number 12-1095	
Email Address:ataylor@ldlkm.com	Authorized User Name Daryl K. Neff	
B. Signature: June 13, 2013		
Signature		
Daryl K. Neff 38,253	Total number of pages including cover 7	
Name of Person Signing	sheet, attachmenta, and documenta:	

RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)					
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):					
Pezhman Monadge	Pezhman Monadgemi (06/06/2013), and Terrence Caskey (05/30/2013)				
Additional Assignees (2. Continued):					
Assignee Name:					
Internal Address: Street Address:					
City:	State:	Country:	Zip:		
Assignee Name:					
Internal Address:					
Street Address:					
City;	State:	Country:	Zip:		
Assignee Name:					
internal Address:					
Streel Address:					
City:	State:	Country;	Zip:		
Additional Applications and/or Patents (4. Continued):					
Additional Palent Applic 4A. Continued:	ation Numbers	Additional Patent Numbers 48. Continued:			
Additional numbers attached? Yes No					

Docket No.: TIPI 3.0-825

	former PTC/SB/16 (8-00) Modified LDL/AM	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
ASSIGNMENT OF OTILITY APPLICATION	TIPI 3.0-825	
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Whereas, I, Michael Newman	of	
2702 Orchard Parkway; San Jose, California 95134	- A	
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in	
CARRIER-LESS SILICON INTERPOSER		
Application Number <u>13/776,035</u>	the same that he may an	
for which an application for a United States Letters Paten and	( was executed by the on	
<b>•</b> ••••		
Whereas, Invenses Corporation a corporation of <u>Delaware</u> herein referred to as "assignee" whos	e mailino address is	
a corporation of <u>Detaware</u> nerein retarted to as assignee whose 2702 Orchard Parkway; San Jose, <u>California</u> 95134	S Instang Garde Goo Jo	
is desirous of acquiring the entire right, title and Interest in the sa		
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Sta Invention and the aforesaid utility patent application and all substitute or release applications and patents applied for or gr other countries, for said invention, including without limitation priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said ass and the undersigned for me and my legal representatives, heir further remuneration, to execute and deliver all original, divis Latters Patent on said improvements and all assignments thereo assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lewful papers, make all rightful oaths, and tr successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assigned And I do hereby authorize my attorneys to insert on this deed the	tes of America and all other countries in and to said l original, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and all all applications and patents for said invention claiming any law or treaty, and including the right to claim such marks is hereby authorized and requested to issue all signee herein, as assignee of the entire interest therein; re and assigns do hereby agree and covenant without sional, continuation, releave and other applications for of to said assignee or its assigns, to communicate to said ed respecting said improvements, whenever requested, which any of said applications or patents may become o do generally everything necessary to aid assignee, its a for said improvements in all countries, the expenses se.	
when known.	ALA M	
3/29/13	Mahal 1/ from	
(Date)	(Signettine)	
State of California ) SS: County of Santa Clana )		
On March 29,2013 before me, Karen appeared Michael Newman, who proved to me on the basis o subscribed to the within instrument and acknowledged to me capacity, and that by his her signature on the instrument the personal capacity, and that by his her signature on the instrument the personal capacity.	that Heishe executed the same in bid/her authorized	
And Andrew and Comments and Andrew	f satisfactory evidence to be the person whose name is that he she executed the same in bis/her authorized son, of the entity upon behalf of which the person acted,	
On <u>MOACH 29,2013</u> , before me, <u>KRAP</u> , appeared <u>Michael Newman</u> , who proved to me on the basis of subscribed to the within instrument and acknowledged to me capacity, and that by histher signature on the instrument the persecuted the instrument. A certify under PENALTY OF PERJURY under the laws of the Stacorrect.	f satisfactory evidence to be the person whose name is that the she executed the same in bis/her authorized son, of the entity upon behalf of which the person acted, ate of California that the foregoing paragraph is true and	
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On March 29,2013 before me, Karen appeared Michael Newman, who proved to me on the basis of subscribed to the within instrument and acknowledged to me capacity, and that by histher signature on the instrument the persexecuted the instrument. I certify under PENALTY OF PERJURY under the laws of the Stacorrect.	f satisfactory evidence to be the person whose name is that the she executed the same in bis/her authorized son, or the entity upon behalf of which the person acted, ate of California that the foregoing paragraph is true and KAREN A. PERRICONE Gommission & 1650143 Notety Public - California	
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On <u>March 29,2013</u> before me, <u>Karen</u> appeared <u>Michael Newman</u> , who proved to me on the basis of subscribed to the within instrument and acknowledged to me capacity, and that by higher signature on the instrument the pers executed the instrument. In certify under PENALTY OF PERJURY under the laws of the Sta correct. WITNESS my hand and official seat.	f satisfactory evidence to be the person whose name is that the she executed the same in bis/her authorized son, or the entity upon behalf of which the person acted, ate of California that the foregoing paragraph is true and KAREN A. PERRICONE Gommission & 1898/143 Notary Public - California Santa Care Comm	

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	tomer PTD/\$8/15 (8-00) Modified LDLK&M Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825	
Whereas, I, Cyprian Emeka Uzoh	of	
2702 Orchard Parkway; San Jose, California 95134		
hereafter referred to as assignor, have with others invented cert CARRIER-LESS SILICON INTERPOSER	ain new and usaful improvements in	
For which an application for a United States Letters Pate Application Number 13/776,035	ant was filed on February 25, 2013	
for which an application for a United States Letters Patent was executed by me on, and		
Whereas, Invensas Corporation		
a corporation of <u>Delaware</u> herein referred to as "assignee" whos 2702 Orchard Parkway; San Jose, California 95134	e mailing address is	
is desirous of acquiring the entire right, title and interest in the sa	2010;	
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Sta invention and the aforesaid utility patent application and al substitute or reissue applications and patents applied for or gi other countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, hei further remuneration, to execute and deliver all original, divis Laters Patent on said improvements and all assignments there assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lawful papers, make all rightful oaths, and to successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assign	tes of America and all other countries in and to said l original, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and all all applications and patents for said invention claiming any law or treaty, and including the right to claim such marks is hereby authorized and requested to issue all signes herein, as assignee of the entire interest therein; rs and assigns do hereby agree and covenant without stonal, continuation, reissue and other applications for of to said assignee or its assigns, to communicate to said ed respecting said improvements, whenever requested, which any of said applications or patents may become o do generally everything necessary to aid assignee, its i for said improvements in all countries, the expenses se.	
And I do hereby authorize my attorneys to insert on this dead to when known.		
4/3/2013	pres Encle Uzta	
(Date)	(Signature)	
State of California ) SS: County of Santa Clara )		
On <u>APVI-3 2013</u> , before me, <u>KAICA A Pertional Dotary Public</u> personally appeared <u>Cyprian Emeka Uzoh</u> , who proved to me on the basis of satisfactery evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that the here executed the same in bisher authorized capacity, and that by hisher 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 St correct.		
WITNESS my hand and official seal.	KAREN A. PERRICONE Gommisalon # 1890143 Notary Public - California	
(Notary Public)	NO MR Colim Jendies May 18, 2014	
X Total of 5 forme are submitted.		

	tomer PT0/BB/15 (8-00) Modified LOLK&M Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825
Whereas, I, Charles G. Woychik	of
2702 Orchard Parkway; San Jose, California 95134	
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in
CARRIER-LESS SILICON INTERPOSER	
for which an application for a United States Letters Pat Application Number 13/776,035	ent was filed on February 25, 2013
for which an application for a United States Letters Pater and	nt was executed by me on ,
Whereas, Invensas Corporation	
a corporation of <u>Delaware</u> herein referred to as "assignee" who 2702 Orchard Parkway; San Jose, California 95134	se mailing address is
le desirous of acquiring the entire right, title and interest in the sa	ame;
invention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or g	and a straight of the start of the start of American start and
other countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, he further remunaration, to execute and deliver all original, divis Letters Patent on said improvements and all assignments there assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lawful papers, make all rightful oaths, and t successors, assigns and nominees to obtain patent protectior incident to seld applications to be borne and paid by said assign	all applications and patients for said invention claims of any law or treaty, and including the right to claim su- generics is hereby authorized and requested to issue sugnes herein, as assignee of the entire interest there ins and assigns do hereby agree and covenant with sional, continuation, reissue and other applications of to said assignee or its assigns, to communicate to se hed respecting said improvements, whenever requests which any of said applications or patents may becor to do generally everything necessary to aid assignee, in for said improvements in all countries, the expension
other countries, for said invention; including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, he further remunaration, to execute and deliver all original, divis Letters Patent on said improvements and all assignments thered assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lawful papers, make all rightful oaths, and ts successors, assigns and nominees to obtain patent protector incident to seld applications to be borne and paid by said assign And I do hereby authorize my attorneys to insert on this deed t when known.	all applications and patents for said invention claims of any law or treaty, and including the right to claim su- emarks is hereby authorized and requested to issue alignee herein, as assignee of the entire interest there ins and assigns do hereby agree and covenant without sional, continuation, reissue and other applications of to said assignee or its assigns, to communicate to said assignee or its assigns, to communicate to said to do generally everything necessary to aid assignee, in for said improvements in all countries, the expens- iee. The filing date and application number of said application
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other countries, for said invention; including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, he further remunaration, to execute and deliver all original, divis Letters Patent on said improvements and all assignments thered assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lawful papers, make all rightful oaths, and ts successors, assigns and nominees to obtain patent protector incident to seld applications to be borne and paid by said assign And I do hereby authorize my attorneys to insert on this deed ti when known.	all applications and patents for said invention claims of any law or treaty, and including the right to claim su- emarks is hereby authorized and requested to issue signes herein, as assignee of the entire interest there ins and assigns do hereby agree and covenant without sional, continuation, reissue and other applications of for said assignee or its assigns, to communicate to se- hed respecting said improvements, whenever requests which any of said applications or patents may become to do generally everything necessary to aid assignee, in for said improvements in all countries, the expens- ice.
other countries, for said invention; including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, heil further remunaration, to execute and deliver all original, divi- Letters Patent on said improvements and all assignments there assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lawful papers, make all rightful oaths, and t successors, assigns and nominees to obtain patent protector incident to seld applications to be borne and paid by said assign And I do hereby authorize my attorneys to insert on this deed t when known.	all applications and patients for said invention claims of any law or treaty, and including the right to claim su amarks is hereby authorized and requested to issue alignee herein, as assignee of the entire interest there iss and assigns do hereby agree and covenant withor sional, continuation, reissue and other applications of to said assignee or its assigns, to communicate to so ned respecting said improvements, whenever requests which any of said applications or patents may become to do generally everything necessary to aid assignee, in for said improvements in all countries, the expens- tee. The filing date and application number of said application when the filing date and application number of said application (Openator)
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other countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, heli further remuneration, to execute and deliver all original, divid Letters Patent on said improvements and all assignments there assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all lawful papers, make all rightful oaths, and t successors, assigns and nominees to obtain patent protector incident to seld applications to be borne and paid by said assign And I do hereby authorize my attorneys to insert on this deed t when known. $\frac{4/3/20/8}{(Date)}$ State of California ) SS: County of SMACLOWA	all applications and patients for said invention claims of any law or treaty, and including the right to claim su amarks is hereby authorized and requested to issue alignee herein, as assignee of the entire interest there is and assigns do hereby agree and covenant with sional, continuation, reissue and other applications of to said assignee or its assigns, to communicate to a med respecting said improvements, whenever request which any of said applications or patents may become to do generally everything necessary to aid assignee, in for said improvements in all countries, the expensive ree. The filing date and application number of said application (Signature)
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	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825
Whereas, I, Pezhman Monadgami	of
39993 Fremont Blvd., Apt. 110; Fremont, California 9453	8
bereafter referred to as assignor, have with others invented certs	
CARRIER-LESS SILICON INTERPOSER	HIT HOLE CELL CONTRACTOR IN THE CONTRACTOR OF
· · · · · · · · · · · · · · · · · · ·	February 25, 2013
X for which an application for a United States Letters Pate	ent was filed on February 20, 2013
Application Number 13/776,035	
for which an application for a United States Letters Paten	it was executed by me on
and	
Whereas, Invensas Corporation	
a corporation of Delaware herein referred to as "assignee" whos	e mailing address is
2702 Orchard Parkway; San Jose, California 95134	
s desirous of acquiring the entire right, title and interest in the sa	ine;
s acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Stai nvention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or gr other countries, for said Invention, including without limitation a priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trade patents on said improvements or resulting therefrom to said as and the undersigned for me and my legal representatives, help	tes of America and all other countries in and to set I original, divisional, continuation, continuation-in-pa ranted therefor in the United States of America and a all applications and patents for said invention claimin any law or treaty, and including the right to claim sur- imarks is hereby authorized and requested to issue -
further remuneration, to execute and deliver all original, divis Letters Patent on said improvements and all assignments thereo assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in w involved, to sign all fawful papers, make all rightful oathe, and to successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assigned And I do hereby authorize my attorneys to insert on this deed the when known.	rs and assigns do hereby agree and covenant witho sional, continuation, relasue and other applications f if to said assignee or its assigns, to communicate to said ed respecting said improvements, whenever requeste hich any of said applications or patents may becom o do generally everything necessary to ald assignee, i o for said improvements in all countries, the expense se. The filling date and application number of said application without the said application of said application
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ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825	
Whereas, I. Terrence Caskey	of	
236 Swift Street, Santa Cruz, California 95062		
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in	
CARRIER-LESS SILICON INTERPOSER		
x for which an application for a United States Letters Patent was filed on February 25, 2013		
Application Number 13/776,035		
for which an application for a United States Letters Patent was executed by me on		
end		
Whereas, Invenses Corporation		
a corporation of <u>Deleware</u> herain referred to as "assignee" whos	e mailing address is	
2702 Orchard Parkway; San Jose, California 95134		
is desirous of acquiring the entire right, title and interest in the sa	une;	
NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u> ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assigner hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries In and to said invention and the aforesaid utility patent application and ell original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit and the Commissioner of Patents and Trademarks le hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, helins and assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to ald assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and patent protection for said improvements in all countries, the expenses incident to said applications to be borne and patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee,		
And I do hereby authorize my altomeys to insert on this deed II when known.	te filing date and application number of said application	
The stin	1 14-	
∙ <u></u>	even la	
(Date)	(Signature)	
State of California ) SS: County of <u>Santai (ruz</u> )		
	1010.	
On <u>May 30, 2013</u> , before me, <u>Gabinel Saul Coren</u> personally appeared <u>Terrence Caskey</u> , 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/she 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 seal.	GABRIEL SAUL CORFN L	
Gellief And Com	COMM. # 1854714	
(Notary Public)	SANGTARY PUBLIC - CALIFORNIA P	
	COMM. EXPIRES JUNE 10. 2013	
X Total of 5 forms are submitted.	•	