503585415 11/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3632044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL NEWMAN	03/29/2013
CYPRIAN EMEKA UZOH	04/03/2013
CHARLES G. WOYCHIK	04/03/2013
PEZHMAN MONADGEMI	06/06/2013
TERRENCE CASKEY	05/30/2013

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:	14950180

CORRESPONDENCE DATA

Fax Number: (908)654-7866

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: (908) 518-6396

Email: assignment@lernerdavid.com

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	TIPI 3.0-825 DIV	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED: 11/25/2015		

Total Attachments: 5 source=TIPI 3#page1.tif

PATENT 503585415 REEL: 037138 FRAME: 0781

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PATENT REEL: 037138 FRAME: 0782

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	Docket lenuner (Opposal)
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825
Whereas, I, Terrence Caskey 236 Swift Street, Santa Cruz, California 95062 hereafter referred to as assignor, have with others invented certa CARRIER-LESS SILICON INTERPOSER	
X for which an application for a United States Letters Pate Application Number 13/776,035 for which an application for a United States Letters Paten arid	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Whereas, Invensas Corporation a corporation of <u>Delaware</u> herein referred to as "assignee" whos 2702 Orchard Parkway; San Jose, California 95134 is desirous of acquiring the entire right, title and interest in the sa	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Station vention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or grother 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 assand the undersigned for me and my legal representatives, heir 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 undersigne to testify in any interferences or other legal proceedings in winvolved, 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 assigne	tes of America and all other countries in and to said original, divisional, continuation, continuation-in-part, anted 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 ignes herein, as assignee of the entire interest therein; is and assigns do hereby agree and covenant without lonal, continuation, reissue and other applications for to said assignee or its assigns, to communicate to said decrepacting said improvements, whenever requested, hich any of said applications or patents may become to generally everything necessary to aid assignee, its for said improvements in all countries, the expenses
And I do hereby authorize my attorneys to insert on this deed the when known.	e filing date and application number of said application
5/30//3 // (Date)	Signatures
State of California) 55:	
On May 30, 2013, before me, Gaba appeared Terrence Caskey, who proved to me on the basis of subscribed to the within instrument and acknowledged to me capacity, and that by his/her signature on the instrument the persexecuted the instrument.	satisfactory evidence to be the person whose name is that he/she executed the same in his/her authorized
I certify under PENALTY OF PERJURY under the laws of the Sta	te of California that the foregoing paragraph is true and
WITNESS my hand and official seal. (Notary Public)	GABRIEL SAUL COREN COMM. # 1854714 COMM. # 1854714 POTARY PURLIC - CALIFORNIA W SANOMEMBERICOUNTY O COMM. EXPIRES JUNE 18, 2013
x *Total of 5 forms are submitted.	occario con contrato de contrato con contrato de contrato de contrato de contrato de contrato de contrato de c

former PTO/SB/15 (8-00) Modified LOLK&M Docket Number (Optional) TIPI 3.0-825 February 25, 2013), the receipt whereof (Signature)

ASSIGNMENT OF LITILITY APPLICATION

Whereas, I, Charles G. Woychik 2702 Orchard Parkway; San Jose, California 95134

hereafter referred to as assignor, have with others invented certain 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 and

Whereas, Invensas Corporation
a corporation of Delaware herein referred to as "assignee" whose mailing address is 2702 Orchard Parkway; San Jose, California 95134
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of dollars (\$ one is acknowledged, and other good and valuable consideration, I as assignor 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 all 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 of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is 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, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said 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 aid 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 paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

State of California

1 88

country of Santa Clasa

On <u>April 3, 2013</u>, before me <u>KWENA PENTIONS</u>, <u>Dobony Publi</u>/personally appeared <u>Charles G. Woychik</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/sher-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.

(Notary Public)

Notery P

KAREN A. PERRICONE

Gommission # 1890143

Notary Public - California

Spota Clara County

Ay Comm. Expires May 18, 2014

x *Total of

forms are submitted.

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× 0.00 ×	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825	
Whereas, I, <u>Cyprian Emeka Uzoh</u> 2702 Orchard Parkway; San Jose, California 95134		
hereafter referred to as assignor, have with others invented certain new and useful improvements in CARRIER-LESS SILICON INTERPOSER		
for which an application for a United States Letters Patent was filed on Application Number 13/776,035		
for which an application for a United States Letters Paten and	t was executed by me on	
Whereas, Invensas Corporation		
a corporation of <u>Delaware</u> herein referred to as "assignee" whose 2702 Orchard Parkway; San Jose, California 95134	e mailing address is	
is desirous of acquiring the entire right, title and interest in the sa	me;	
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Statinvention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or grother 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 Tradel patents on said improvements or resulting therefrom to said assaud the undersigned for me and my legal representatives, heir further remuneration, to execute and deliver all original, divisible testers Patent on said improvements and all assignments thereof assignee or its representatives all facts known to the undersigne to testify in any interferences or other legal proceedings in will 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 assigne	les of America and all other countries in and to said original, divisional, continuation, continuation-in-part, anted therefor in the United States of America and 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 ignee herein, as assignee of the entire interest therein; and assigns do hereby agree and covenant without ional, continuation, reissue and other applications for to said assignee or its assigns, to communicate to said ad respecting said improvements, whenever requested, hich any of said applications or patents may become do generally everything necessary to aid assignee, its for said improvements in all countries, the expenses ite.	
And I do hereby authorize my attorneys to insert on this deed th when known.	· ·	
<u>43003 </u>	prin Such Uzfe	
(Date)	(Signature)	
State of California) SS: County of Santa Clara)		
	ed to me that (helishe-executed the same in his/her-	
I certify under PENALTY OF PERJURY under the laws of the Stacorrect. WITNESS my hand and official seal.	KAREN A. PERRICONE KAREN A. PERRICONE Gommission # 1890143 Notary Public - California Santa Clara County NO MIC SHIM! Expires May 18, 2014	
(Notary Public)	Sents Clars County NO MAY 2 Sents List Supress May 18, 2014	
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	rotuer ismines folunusal
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-825
Whereas, I, Michael Newman 2702 Orchard Parkway; San Jose, California 95134	of .
hereafter referred to as assignor, have with others invented certs CARRIER-LESS SILICON INTERPOSER	ain new and useful improvements in
x for which an application for a United States Letters Pate Application Number 13/776,035	ent was filed on February 25, 2013
for which an application for a United States Letters Paten	t was executed by me on,
Whereas, Invensas Corporation a corporation of <u>Delaware</u> herein referred to as "assignee" whos 2702 Orchard Parkway; San Jose, California 95134 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 Statinvention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or grother 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 assand the undersigned for me and my legal representatives, heir further remuneration, to execute and deliver all original, divising Letters Patent on said improvements and all assignments thereo assignee or its representatives all facts known to the undersigned to testify in any interferences or other legal proceedings in winvolved, 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 assigns.	tes of America and all other countries in and to said original, divisional, continuation, continuation-in-part, anted therefor in the United States of America and 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; and assigns do hereby agree and covenant without ional, continuation, reissue and other applications for for said assignee or its assigns, to communicate to said ad respecting said improvements, whenever requested, hich any of said applications or patents may become to generally everything necessary to aid assignee, its for said improvements in all countries, the expenses
And I do hereby authorize my attorneys to insert on this deed the when known.	
description of property of the second	Muk // (Sign latrice)
(Date) State of California) SS: County of SWA CLWA)	(Signatura)
On Mach 29, 2013 before me, Keen appeared Michael Newman, who proved to me on the basis of subscribed to the within instrument and acknowledged to me capacity, and that by his her signature on the instrument the persexecuted the instrument.	that/he/size executed the same in bis/her authorized
I certify under PENALTY OF PERJURY under the laws of the State correct. WITNESS my hand and official seal. (Notary Public)	RAREN A. PERRICONE Gemmission # 1890143 Notary Public - California Santa Clara County (NSY/Striffin/Scharas May 18, 2014
x *Total of 5 forms are submitted.	

PATENT

REEL: 037138 FRAME: 0786

former PTO/SB/15 (8-00) Modified LOLKSM

Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION TIPI 3.0-825 Whereas, I. Pezhman Monadgemi 39993 Fremont Bivd., Apt. 110; Fremont, California 94538 hereafter referred to as assignor, have with others invented certain new and useful improvements in CARRIER-LESS SILICON INTERPOSER February 25, 2013 for which an application for a United States Letters Patent was filed on 13/776,035 Application Number for which an application for a United States Letters Patent was executed by me on and Whereas, Invensas Corporation a corporation of Delaware herein referred to as "assignee" whose mailing address is 2702 Orchard Parkway: San Jose, California 95134 is desirous of acquiring the entire right, title and interest in the same; 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 assignor 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 all 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 of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is 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, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said 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 aid 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 paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. (Signature) State of California County of _ before me, <u>Sharen J. Choi, Detaky Publiz</u> appeared Pezhman Monadgemi, 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 helpha executed the same in higher 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 foreigning paragraph is true and correct. SHARON J CHO Commission & 1872707 Holark baptic - Cattletage WITNESS my hand and official seal. Sauta Clats Constl. No Comm. Expires Jan 3, 2014 (Notary Public) (NOTARY SEAL)

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forms are submitted.