503307145 05/14/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3353763

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	TA				
		Name	Execution Date		
CYPRIAN EMEKA UZOH			06/03/2013		
CHARLES G. WOYCHIK			05/31/2013		
MICHAEL NEWMAN			05/30/2013		
PEZHMAN MONADGEMI			06/06/2013		
TERRENCE CASKEY			07/08/2013		
RECEIVING PARTY DAT	ГА				
Name:	INVENSAS CORPORATION				
Street Address:	3025 ORCHARD PARKWAY				
City:	SAN JOSE				
State/Country:	CALIFORNIA				
Postal Code:	95134				
PROPERTY NUMBERS	Total: 1	Number			
Application Number: 14627		14627252			
CORRESPONDENCE DA	ΑΤΑ				
Fax Number:	((908)654-7866			
		the e-mail address first; if that is uns ; if that is unsuccessful, it will be sen			
Phone:		(908) 518-6396			
Email:		Assignment@ldlkm.com			
Correspondent Name:	LDLK&M				
Address Line 1:	600 SOUTH AVENUE WEST				
Address Line 4:	WESTFIELD, NEW JERSEY 07090				
ATTORNEY DOCKET NU	MBER:	TIPI 3.0F-883 DIV			
NAME OF SUBMITTER:		DARYL K. NEFF	DARYL K. NEFF		
SIGNATURE:		/Daryl K. Neff/	/Daryl K. Neff/		
DATE SIGNED:		05/14/2015			
Total Attachments: 5					
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a contract and and the second	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-883
Whereas, I, Cyprian Emeka Uzoh	
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2702 Orchard Parkway; San Jose, California 95134	······································
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in
METAL PVD-FREE CONDUCTING STRUCTURES	
x for which an application for a United States Letters Pate Application Number 13/897,956	ent was filed onMay 20, 2013
for which an application for a United States Letters Pater	at una autoritari burna an
and	it 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	se mailing address is
is desirous of acquiring the entire right, title and interest in the sa	2070
is accurate or acclaring the entitle user' age ship interest in the se	31.467,
substitute or reissue applications and patents applied for or g 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	all applications and patents for said invention claim any law or treaty, and including the right to claim su
and the undersigned for me and my legal representatives, hei further remuneration, 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 v involved, to sign all lawful papers, make all rightful oaths, and t successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assign	signee herein, as assignee of the entire interest there irs and assigns do hereby agree and covenant with sional, continuation, reissue and other applications of to said assignee or its assigns, to communicate to s hed respecting said improvements, whenever request which any of said applications or patents may beco o do generally everything necessary to aid assignee, in for said improvements in all countries, the expens- ee.
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 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 v involved, to sign all lawful papers, make all rightful oaths, and t successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assign And I do hereby authorize my attorneys to insert on this deed t when known.	signee herein, as assignee of the entire interest there irs and assigns do hereby agree and covenant with sional, continuation, reissue and other applications of to said assignee or its assigns, to communicate to s red respecting said improvements, whenever request which any of said applications or patents may beco o do generally everything necessary to aid assignee, n for said improvements in all countries, the expens- ee. he filing date and application number of said applicat
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	Iomier PTO/SB/35 (8-00) Modified LOLK&M			
	Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-883			
Nikaran I. Charles C. Maushik	of			
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				
METAL PVD-FREE CONDUCTING STRUCTURES				
× for which an application for a United States Letters Patent was filed on May 20, 2013				
Application Number 13/897,956				
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	se mailing address is			
2702 Orchard Parkway; San Jose, California 95134				
is desirous of acquiring the entire right, title and interest in the sa	ame;			
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, relssue and other applications for Letters Patent on said improvements 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 t when known.				
5/31/2013	Myour H. Tryund .			
(Date)	(Signature)			
State of California				
County of <u>Santa Clara</u>)	8 i i I			
on May 31, 2013, before me, Jun	Le Karte Mating Killy			
On <u>//(A.Y. 57, 207.5</u> , before me, <u>2/07/7</u> appeared <u>Gharles G. Woychik</u> , who proved to me on the basi	s of satisfactory evidence to be the person whose name			
is subscribed to the within instrument and acknowledged to m				
capacity, and that by his/her signature on the instrument the per	son, or the entity upon behalf of which the person acted,			
executed the instrument.				
I certify under PENALTY OF PERJORY under the laws of the St	tate of California that the foregoing paragraph is true and			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	JENNIFER KOSTIC			
WITNESS my hand and official seal Strength Stren				
//////////////////////////////////	Santa Clara County			
// (Notary Public)	My (Claffink YENGAreb Jun 1, 2015			
	and the second			
x trotal of 5 forms are submitted.				

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	former PTO/SB/15 (B-00) Medified LDLK&M			
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TIPI 3.0-883			
Whereas, I, Michael Newman	of			
2702 Orchard Parkway; San Jose, California 95134				
hereafter referred to as assignor, have with others invented certain new and useful improvements in				
METAL PVD-FREE CONDUCTING STRUCTURES				
x for which an application for a United States Letters Patent was filed on May 20, 2013				
Application Number 13/897,956				
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" who 2702 Orchard Parkway; San Jose, California 95134	se mailing address is			
is desirous of acquiring the entire right, title and interest in the se	ame;			
is acknowledged, and other good and valuable consideration, assignee my entire right, tille and interest for the United Sta invention and the aforesaid utility patent application and al substitute or reissue applications and patents applied for or g 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 remuneration, to execute and deliver all original, divi- tetters Patent on said improvements and all assignments therein assignee or its representatives all facts known to the undersign to testify in any interferences or other legal proceedings in v involved, to sign all lawful papers, make all rightful oaths, and the successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assign	ates of America and all other countries in and to said Il original, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and all all applications and patents for said invention claiming o any law or treaty, and including the right to claim such emarks is hereby authorized and requested to issue all signee herein, as assignee of the entire interest therein; irs and assigns do hereby agree and covenant without sional, continuation, reissue and other applications for of to said assignee or its assigns, to communicate to said ned respecting said improvements, whenever requested, which any of said applications or patents may become to do generally everything necessary to aid assignee, its in for said improvements in all countries, the expenses nee.			
And I do hereby authorize my attorneys to insert on this deed t when known.	a second second			
stantia A	M. L. C. M.			
	Coller & Martin & Colleman and a second second			
(Date) (Signature) State of California (Lara) (Signature) County of Santa Clara) SS: County of Santa Clara) On May 20, 2013 before me, Jank Kotta Natary Public personally appeared <u>Michael Newman</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.				
Leertify under PENALTY OF PERJURY under the laws of the S correct				
WITNESS my hand and official seal.	JENNIFER KOSTIC Commission # 1934880 Notary Public - California (NSANA Clara Sounty My Comm. Expires Jun 1, 2015			
X *Total of 5 forms are submitted.				

LD-527\

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	former PTO/SB/15 (8-00) Modified LDLK&M				
ACCIONNESST OF LITH ITV ADDI ICATION	Docket Number (Optional)				
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3.0-883				
Whereas, I, Pezhman Monadgemi	of				
39993 Fremont Blvd., Apt. 110; Fremont, California 9453	38				
hereafter referred to as assignor, have with others invented certain new and useful improvements in					
METAL PVD-FREE CONDUCTING STRUCTURES					
x for which an application for a United States Letters Pate	and was filed on May 20, 2013				
Application Number 13/897,956					
for which an application for a United States Letters Pater	t was executed by me on				
and	······ ·				
Whereas, Invensas Corporation	zo molling oddenoo in				
a corporation of <u>Delaware</u> herein referred to as "assignee" whos 2702 Orchard Parkway; San Jose, California 95134	e naming address is				
is desirous of acquiring the entire right, title and interest in the se	ame:				
NOW, THEREFORE, in consideration of the sum of <u>one</u> is acknowledged, and other good and valuable consideration,	dollars (\$ <u>1.00</u>), the receipt whereof				
assignee my entire right, title and interest for the United Sta	ites of America and all other countries in and to said				
invention and the aforesaid utility patent application and al	I original, divisional, continuation, continuation-in-part,				
substitute or reissue applications and patents applied for or g other countries, for said invention, including without limitation					
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 Trade patents on said improvements or resulting therefrom to said as					
and the undersigned for me and my legal representatives, he	irs and assigns do hereby agree and covenant without				
further remuneration, 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	ned respecting said improvements, whenever requested,				
to testify in any interferences or other legal proceedings in v involved, to sign all lawful papers, make all rightful oaths, and t					
successors, assigns and nominees to obtain patent protection	n for said improvements in all countries, the expenses				
incident to said applications to be borne and paid by said assign					
And I do hereby authorize my attorneys to insert on this deed t	he filing date and application number of said application				
when known.					
6/6/13	& Marking				
(Date)	(Signature)				
State of California) SS:	(oignataie)				
county of SANTA CLAVA)					
	. I cho min Adm				
On June 10, 7013 before me, SWIM	in J. Chur, Wolary Public personally				
name is subscribed to the within-instrument and acknowled	ged to me that (he)she executed the same in fijs/her				
authorized capacity, and that by (is/her-signature on the instru	ment the person, or the entity upon behalf of which the				
person acted, executed the instrument.	and the state of the				
I certify under PENALTY OF PERJURY under the laws of the SI correct.	tate of California that the foregoing paragraph is true and				
WITNESS my hand and official seal	Commission # 1872/07 Notav Public - California				
Sanz tran a for Official Seal.					
(Notary Public)	(NOTARY SEAL)				
I Marian Cannot	(NO INTE SEAL)				
x *Total of 5 forms are submitted.					
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1.0-527\

PATENT REEL: 035640 FRAME: 0437

	former PTO/SB/15 (8-00) Modified LOLK&M Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	TIPI 3:0-883			
Whereas, I	of			
METAL PVD-FREE CONDUCTING STRUCTURES				
Application Number 13/897,956				
for which an application for a United States Letters Patent was executed by me on, and				
Whereas, Invensas Corporation a corporation of Delaware 2702 Orchard Parkway; San Jose, California 95134	e mailing address is			
is desirous of acquiring the entire right, title and interest in the sa	ame;			
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 go 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, hel further remuneration, to execute and deliver all original, divis Letters Patent on said improvements and all assignments thereign 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 said applications to be borne and paid by said assign	tes of America and all other countries in and to said I 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 emarks is hereby authorized and requested to issue all signee herein, as assignee of the entire interest therein, irs and assigns do hereby agree and covenant without sional, continuation, reissue and other applications for of to said assignee or its assigns, to communicate to said red respecting said improvements, whenever requested, which any of said applications or patents may become o do generally everything necessary to aid assignee, its n for said improvements in all countries, the expenses ee.			
And I do hereby authorize my attorneys to insert on this deed to when known. -7617	he filling date and application number of said application			
718115	heren fall			
(Date)	(Signature)			
State of California) SS: County of <u>San Dilgo</u>) On <u>Plots</u> , before me, <u>Char SBON Water</u> <u>Actific</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/ber 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.	www.commence.commence.commence.commence.com			
WITNES8 myhand and official seal	C. LARSSON			
(Notary Public)	Opportunity Explore August 20, 2016			
x *Total of 5 forms are submitted.				
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