#### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
Mohamed N. Darwish	06/21/2010
Jun Zeng	06/04/2010
Richard A. Blanchard	06/29/2010

#### **RECEIVING PARTY DATA**

Name:	MaxPower Semiconductor Inc.
Street Address:	4800 Great America Pkwy
Internal Address:	#205
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12759696

#### **CORRESPONDENCE DATA**

Fax Number: (214)206-9992

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2145625057

Email: groover@technopatents.com

Correspondent Name: Robert Groover Address Line 1: Box 802889

Address Line 4: Dallas, TEXAS 75380

ATTORNEY DOCKET NUMBER: MXP-030

NAME OF SUBMITTER: Robert Groover

Total Attachments: 8

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PATENT REEL: 024780 FRAME: 0774 40.00 12/5969

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		STATI	EMENT UNDER	137 CFR 3.	<u>73(b)</u>
Applicant/l	Patent Owner; Maxi	<sup>5</sup> ower Semiconduct	or, Inc.		·>>>
Application	n No./Patent No.: 12	759,690		Filed/Issue	Date: 04-13-2010
Titled:		IDUCTOR DEVICES			TURES WITH Embedded Dielectric Layers
MaxPows	r Semiconductor Ir	E.	, a corporat	ion	
(Name of Ass	ilmen)				reposition, participation, university, government apprical, six.
states that	it is:				
1. 🗶	the assignee of the	entire right, title, and in	nterest in:		
2	an assignee of less (The extent (by pen	than the entire right, ti centage) of its owners!	tle, and interest in up interest is	Y %);	(SI)
3.	the assigned of an i	andivided interest in th	e entirety of (a co	mplete assig	oment from one of the joint inventors was made)
the patent	application/patent id	entified above, by virtu	e of either;		
A [X]	the United States P	atent and Trademark (	patent application Mice at Reel	n/patent kteni	lified above. The assignment was recorded in, or for which a
OR	copy therefore is at	tached.			
8.	A chain of title from	the inventor(s), of the	palent application	vpalent ident	ified above, to the current assignee as follows:
	t from:	·····		To:	
	The docu	ment was recorded in	the United States	Patent and	Frademark Office at
	Reel	········	Frame		, or for which a copy thereof is attached.
	2. From:			To:	
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	3. From:			Too	
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	Additional docume	nts in the chain of little	are listed on a su	pplemental s	heat(s).
X As a	required by 37 CFR concurrently is being.	3.73(b)(1)(i), the docu submitted for recordal	mentary evidence ion pursuant to 3	e of the chain 7 CFR 3,11.	of title from the original owner to the assignee was
(MC 300	PTE: A separate copy ordance with 37 CFF	/ (i.e., a true copy of ti t Pert 3, to record the :	he original assign assignment in the	ment docum records of th	enl(s)) must be submitted to Assignment Division in e USPTO. <u>See</u> MPEP 302.08]
The under	signed (whose title is	supplied below) is au	thorized to act on	behalf of the	assignee.
mil	10med 11.	day's			6-21-10
Si	gnature				Date
***************************************	I N. Darwish				President
E.A.	inted or Typed Name	<b>\$</b> .			Title

This collection of information is exquired by 37 CFR 3.73(b). The information is necessed to session or retain a benefit by the public ensists is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and automiting the completed deplication form to the USPTO. Time will vary depending upon the included case. Any commerce on the automated time you require to complete this form and/or suppositions for reducing this burden, should be send to the Chief information Officer, U.S. Passet and Tracemost Office, U.S. Department of Comments of Comm for Patriota, P.O. Box 1450, Alexandria, VA 22313-1450.

**REEL: 024780 FRAME: 0776** 

## <u>ASSIGNMENT</u>

As a below-named inventor of the U.S. patent application entitled POWER SEMICONDUCTOR DEVICES, METHODS, AND STRUCTURES WITH Embedded Dielectric Layers Containing Permanent Charges, Application number 12/759,696 filed 04-13-2010, I hereby sell, assign and transfer to MaxPower Semiconductor Inc., 4800 Great America Parkway #205, Santa Clara CA 95054 (hereinafter referred to as ASSIGNEE), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the full and exclusive right, title, and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in all foreign countries to be obtained for said invention by said application or any division, continuation, continuation-in-part, renewal, substitute, extension, re-examination or reissue thereof or any legal equivalent thereof in the United States or any foreign country or national or regional patent authority, for the full term or terms of which the same may be granted, and specifically including the right to file international and foreign national or regional applications and claim priority to this application therefore under the provisions of any convention or treaty:

and I also hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

and I further hereby covenant that I will, upon ASSIGNEE'S request, promptly provide ASSIGNEE with all pertinent facts and documents, relating to said application, to any invention disclosed therein, or to any of said Letters Patent or legal equivalents thereof in the United States or in foreign countries, as may be known and accessible to me, and that I will testify and give evidence as to the same in any litigation or interference which may arise, and that I will promptly execute and deliver to ASSIGNEE or its legal representative, without charge but at Assignee's expense, any and all papers, instruments or affidavits which may be required, necessary or desirable for the purpose of applying for, obtaining, maintaining, issuing or enforcing said application and said Letters Patent and said equivalents thereof in the United States or in any foreign country; and I further authorize ASSIGNEE or its legal representative to make any submissions or true declarations which may be needed in connection with the prosecution of this application or related applications in the U.S. or in other countries, consistent with the requirements of the applicable country:

AND I HEREBY AUTHORIZE AND REQUEST the issuing authority

Assignment Application No. NEW Page 1 of 2

to issue any and all United States and foreign national or regional patent documents or grants related to this application and/or invention to ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the date set forth below.

Inventor: Mo	named N. Darwish	
Date: 6-21-	(o Signature: Moligar) n. Quis	
Residence: 67	Regas Dr., Campbell CA 95008	
Inventor: Jun	Zeng	
Date:	Signature:	*****
Residence: 22	95 Kent Ave., Torrance CA 90505	
Inventor: Ric	ard A. Blanchard	
Date:	Signature:	*****
Residence: 10	24 Mora Dr., Los Altos CA 94024-6530	

to issue any and all United States and foreign national or regional patent documents or grants related to this application and/or invention to ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the date set forth below.

Inventor: Mohai	med N. Darwish
Date:	Signature:
Residence: 675 R	egas Dr., Campbell CA 95008
Inventor: Jun Ze	
Date:06/04/20	10 Signature:
	Kent Ave., Torrance CA 90505
Inventor: Richar	rd A. Blanchard
Date:	Signature:
Residence: 10724	Mora Dr., Los Altos CA 94024-6530

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ADDITIONAL INVENTOR(S)

DECLARATION		Supplemental S	Sheet	Pane 1 of	1
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Name of Additional Joint Inventor, if an	***************************************		oooooooooooooooooooooooooooooooooooooo	**********	
Given Name (first and middle (if any)	Family Name or	Sumame			
Richard A,		Blanchard			
Inventor's Released A. Blass	<u>(</u>	·····		Dale Juna 29, 2	(oti)
Los Altos Residence: City	CA State	ÚS Coi	intry	US Citizenship	
10724 Mora Dr.					
Mailing Address					
Los Akos	CÀ		94024	US	
Citý	Slate		Zip	Country	
Name of Additional Joint Inventor, if an	у:	A pelition	has been filed for linis ur	isigned inventor	
Given Name (first and middle (if any)	)		Family Name or Si	uname	
	***************************************			,	
inventor's Signature				Date	
Residence: City	State		Country	Citizenship	
	3.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	nxx+nnaaxxxxxxxxxxxxxxxxxxx		1 505510100	
Sem siz					
Mailing Address			1		***************************************
City:	State		Zip	Country	
Name of Additional Joint Inventor, if an		A petition	has been filed for this ur		
Given Name (first and middle (if any))		Family Name or Sumame			
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inventor's Signature		000000000000000000000000000000000000000		Date	000000000000000000000000000000000000000
Residence: City	State		Country	Citizenship	
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Mailing Address	-		· · · · · · · · · · · · · · · · · · ·		
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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPYO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.34. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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to issue any and all United States and foreign national or regional patent documents or grants related to this application and/or invention to ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the date set forth below.

Inventor: Mohamed	N. Darwish				
Date:	Signature:				
Residence: 675 Regas	Dr., Campbell CA 95008				
Inventor: Jun Zeng					
Date:	Signature:				
Residence: 22495 Ken	t Ave., Torrance CA 90505				
Inventor: Richard A.					
Date: <u>June 29, 2010</u>	Signature: Ruland A, Blandard				
Residence: 10724 Mor	Residence: 10724 Mora Dr., Los Altos CA 94024-6530				

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	POWER Embedded	SEMICONDUCTOR DEVI Dielectric Layers Containi	CES, METHODS, AND ST ng Permanent Charges	RUCTURES WITH
As the belo	w named inven	lor(s), l/we declare that:		
This declar	ation is directed	to		
	X		filed on <u>04-13-2010</u>	
I/we believe sought:	a that I/we am/a	are the original and first inventor(s)	) of the subject matter which is claim	med and for which a patent is
twe have r amendmen	eviewed and uit specifically ref	iderstand the contents of the above ened to above;	re-identified application, including th	e claims, as emended by any
material to became av	patentability as	adefined in 37 CFR 1.56, including the filing date of the prior app	Patent and Trademark Office all info g for continuation-in-part application lication and the national or PCT I	os, material information which
		WAR	RNING:	
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2026 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card, authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that within false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.				
FULL NAME OF INVENTOR(S)				
inventor on	e: Mohamed M	I. Danwish	oate: <u>6 ~ 2</u>	1-15
Signature:	Mulan	-dn-claric	Citizen of: US	
inventor two	<sub>2:</sub> Jun Zeng			
Signature: _		·······	Cilizen of: US	
X Additio	onal inventors or s	legal representativa are being named	onadditions	si form(s) anachesi herem.

This collection of information is required by 36 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or rotain a basefully the public which is to five (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 mature to complete, including pathering, preparing, and submitting the completed application from to the USPTO. These will very depending upon the residual case. Any comments to the amount of time you require to complete this form entire suggestions for readicing this business should be sent to the Called information Officer, U.S. Patent and Trademark Officer, U.S. Corporational of Commence P.O. Sex 1450, Absolution, VA 22313-1450, DO NOT SENO FEED ON COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1459, Absolution, VA 22313-1459.

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	POWER SEMICONDUCTOR DEVICES, METHODS, AND STRUCTURES WITH Embedded Dielectric Layers Containing Permanent Charges				
As the belo	w named invento	or(s), I/we declare that:			
This declara	ation is directed	to:		:	
		The attached application, or			
	$\boxtimes$	Application No. <u>12/759,696</u>	filed on 04-13-2	010	
		As amended on	,	(if applicable);	
I/we believe sought;	e that I/we am/a	re the original and first inventor(s) of	the subject matter wh	ich is claimed and for which a patent is	
I/we have r amendmen	eviewed and un t specifically refe	derstand the contents of the above-ierred to above;	dentified application, in	cluding the claims, as amended by any	
material to became av	I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.				
<b>5</b>		WARN			
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.					
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.					
FULL NAM	E OF INVENTO	R(S)		:	
Inventor on	e: <u>Mohamed N</u>	. Darwish	Date: _		
Signature:			Citizen	of: US	
Inventor two	<sub>D:</sub> Jun Zeng		Date:	06/04/2010	
Signature:	- Annual Control		Citizen	of US	
Additio	onal inventors or a	legal representative are being named on	1	additional form(s) attached hereto	

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