# CH \$190.00 870653

# TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM403702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

### **CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Solexel, Inc.		12/19/2014	Corporation: DELAWARE

### **RECEIVING PARTY DATA**

Name:	Opus Bank
Street Address:	303 Twin Dolphin Drive, #6006
City:	Redwood Shores
State/Country:	CALIFORNIA
Postal Code:	94065
Entity Type:	Commercial Bank: CALIFORNIA

## **PROPERTY NUMBERS Total: 7**

Property Type	Number	Word Mark
Serial Number:	87065387	
Serial Number:	87063959	BEAMREACH SOLAR
Serial Number:	87065391	BEAMREACH
Serial Number:	87063971	BEAMREACH
Serial Number:	87063942	
Serial Number:	87063900	SPRINT
Serial Number:	86973433	BEAMREACH

### **CORRESPONDENCE DATA**

**Fax Number:** 8586385130

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:** 858-677-1400

**Email:** susan.reynholds@dlapiper.com

Correspondent Name: DLA Piper LLP (US)

Address Line 1:4365 Executive Drive, Suite 1100Address Line 4:San Diego, CALIFORNIA 92121

NAME OF SUBMITTER:	Troy Zander
SIGNATURE:	/s/ Troy Zander
DATE SIGNED:	10/30/2016

Total Attachments: 57	
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### INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated as of December 19, 2014, is made by SOLEXEL, INC., a Delaware corporation (herein referred to as "Grantor" or "Debtor") in favor of OPUS BANK, a California Commercial Bank ("Opus" or "Lender") as Lender under that certain Credit Agreement dated as of the date hereof between Debtor and Lender (as amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement"). Capitalized terms used herein and not otherwise defined herein are used herein as defined in the Credit Agreement.

WHEREAS, as a condition precedent to the making of Loans by the Lender, Grantor has executed and delivered that certain General Security Agreement dated as of the date hereof between the Grantor and the Lender (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, under the terms of the Security Agreement, the Grantor has granted a security interest in, among other property, certain intellectual property of the Grantor to the Lender, and has agreed as a condition thereof to execute this IP Security Agreement covering such intellectual property for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor agrees as follows:

**SECTION 1. Grant of Security**. Grantor hereby grants to the Lender a security interest in and to all of Grantor's right, title and interest in and to the following (the "*Collateral*"):

- (i) the United States, international, and foreign patents, patent applications and patent licenses set forth in **Schedule A** hereto (as such Schedule A may be supplemented from time to time by supplements to the Security Agreement and this IP Security Agreement, each such supplement, an "IP Security Agreement Supplement"), executed and delivered by Grantor to the Lender from time to time), together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the "Patents"); provided, however, that in no event will any assets (including any interests in Borrower's Material IP) located outside of the United States be included in the Collateral;
- (ii) the United States and foreign trademark and service mark registrations, applications, and licenses set forth in **Schedule B** hereto (as such Schedule B may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by Grantor to the Lender from time to time) (the "Trademarks");
- (iii) the copyrights, United States and foreign copyright registrations and applications and copyright licenses set forth in **Schedule C** hereto (as such Schedule C may

be supplemented from time to time by IP Security Agreement Supplements executed and delivered by Grantor to the Lender from time to time) (the "Copyrights");

- (iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and
  - (v) any and all proceeds of the foregoing.

Notwithstanding the foregoing, however, the Collateral shall not include any intent-to-use trademarks, prior to the filing of a "Statement of Use" with respect thereto if and solely to the extent that (and so long as) any such intent-to-use trademark application would be rendered void by the attachment or creation of a security interest in the right, title or interest of such Grantor therein).

- **SECTION 2. Security for Obligations**. The grant of a security interest in, the Collateral by Grantor under this IP Security Agreement secures the payment of the Obligations (as defined in the Security Agreement) of Grantor now or hereafter existing, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest (including any interest that accrues after the commencement of bankruptcy), premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.
- **SECTION 3. Recordation**. Grantor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks and any other applicable government officer record this IP Security Agreement.
- **SECTION 4.** Execution in Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.
- **SECTION 5. Grants, Rights and Remedies.** This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Lender with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.
- **SECTION 6. Governing Law.** This IP Security Agreement shall be governed by, and construed in accordance with, the law of the State of California.

[Signature Page Follows]

IN WITNESS WHEREOF, Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

**Address for Notices:** 

Solexel, Inc. 1504-1530 McCarthy Blvd. Milpitas, CA 95035 Attention: Mark Kerstens SOLEXEL, INC., a Delaware corporation, as Debtor

Name: Michael Wingert

Its: President and Chief Executive Officer

IN WITNESS WHEREOF, the Lender has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

OPUS BANK, as Lender

By: \_\_\_\_\_

Name: Kevin P. McBride Its: Senior Managing Director

### **Address for Notices:**

303 Twin Dolphin Drive #6006 Redwood Shores, California 94065 Attn: Kevin McBride, Managing Director

Telephone: (415) 683-9580 E-mail: kmcbride@opusbank.com

### **PATENTS**

Description	Patent/	Issue/
Description	<u>Appl. No.</u>	<u>File Date</u>
Trench isolation for monolithically isled solar photovoltaic cells and modules	9130076	9/8/15
High-frequency photovoltaic back-contact solar cell structures and manufacturing methods	9196759	11/24/15
Methods for manufacturing three-dimensional thin-film solar cells	9196759	11/24/15
Single passivated contacts for back contact back junction solar cells	14576161	12/18/14
Amorphous silicon passivated contacts for back contact back junction solar cells	14582090	12/23/14
Self aligned contacts for solar cells	14582177	12/23/14
Discontinuous emitter and base islands for back contact solar cells	14596213	1/13/15
Structures and methods for high-efficiency pyramidal three- dimensional solar cells	14601123	1/20/15
Active backplane for thin silicon solar cells	14615335	2/5/15
Systems and methods for monolithically isled photovoltaic cells	14659235	3/16/15
Systems and methods for monolithically isled photovoltaic cells	14666303	3/23/15
Damage free laser patterning of transparent layers for forming doped regions on a solar cell substrate	14787858	10/29/15

UPDATE TO SCHEDULE A TO THE INTELLECTUAL PROPERTY SECURITY AGREEMENT

# Update to Schedule B to the IP Security Agreement

### **TRADEMARKS**

Description	Serial No.	File Date
Design	87065387	6/8/16
BEAMREACH SOLAR	87063959	6/8/16
BEAMREACH	87065391	6/8/16
BEAMREACH	87063971	6/8/16
Design	87063942	6/8/16
SPRINT	87063900	6/8/16
BEAMREACH	86973433	4/12/16

UPDATE TO SCHEDULE B TO THE INTELLECTUAL PROPERTY SECURITY AGREEMENT

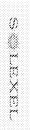
# Schedule A to the IP Security Agreement

# **PATENTS**:

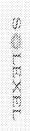
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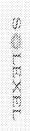
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<u>Title: METHODS FOR MANUFACTURING THREE-DIMENSIONAL THIN-FILM SOLAR CELLS</u>				26-Apr-2010	12/767,791	<u>Title:</u> Template for three-dimensional thin-film solar cell manufacturing and methods of use				06-Oct-2007	11/868,488	<u>Title.</u> Template for three-dimensional thin-film solar cell manufacturing and methods of use				07-Oct-2007	2009-532512	$\overline{ ext{Title:}}$ Template for three-dimensional thin-film solar cell manufacturing and methods of use				16-Apr-2014	2014-084330	Title: Template for three-dimensional thin-film solar cell manufacturing and methods of use				11-May-2009	1756/KOLNP/2009	Title: Template for three-dimensional thin-film solar cell manufacturing and methods of use				07-Oct-2007	07868383.6-1235	Filing Date	Application No.		
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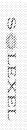
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BLY METHODS FOR THRE						Title: Solar module structures and assembly methods for three-dimensional thin-film solar cells				26-Jan-2012	20120017971	Title: Solar module structures and assembly methods for three-dimensional thin-film solar cells				10-Dec-2009	20090301549					04-Jul-2013	20130167904					19-Jul-2012	20120180867				04-Dec-2008	20080295887	Publication Date	Publication No.	Patent Lisusiatu	ı
Title: SOLAR MODULE STRUCTURES AND ASSEMBLY METHODS FOR THREE-DIMENSIONAL THIN-FILM SOLAR CELLS	Agent Deference:	Client Reference:	Attorneys: JW			Im solar cells	Agent Reference:	Client Reference:	Attorneys: JW	03-Jun-2014	8742249	lm solar cells	Agent Reference:	Client Reference:	Attorneys: JW	16-Aug-2011	7999174		Agent Reference:	Client Reference:	Attorneys: JW				Agent Reference:	Client Reference:	Attorneys: JW	04-Dec-2012	8324499	None in the second seco	Agent Reference:	Attorneys: JW	27-Dec-2011	8084684	ite Patent Date		Patent List/Status (by Case Nu	
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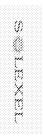


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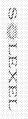


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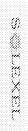




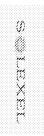
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	₽	Attorneys: JW				Owner Name:Solexel, Inc.	lo
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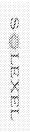
Wednesday, December 17, 2014			Patent Li	Patent List/Status (by Case Number)	Page 7 of 46
Case Number	Case	Application No.	Publication No.	Patent No.	
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018 0	ORD	12/626,778	20100116316	8053665	Granted
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Owner Name: Solexel, Inc.				Attorneys: JW IP	DE
Division Name:				Client Reference:	·A
Agent Name:	•			Agent Reference:	ΓR
<u>Title:</u> Truncated py	ramid structur	<u>Title:</u> Truncated pyramid structures for see-through solar cells			
018 2	ORD	13/193,302	20120021560	8853521	Granted
United States of America		28-Jul-2011	26-Jan-2012	07-Oct-2014	
Owner Name: Solexel, Inc.				Attorneys: JW IP	
<u>Division Name:</u>				Client Reference:	
<u>Agent Name:</u> <u>Title:</u> Truncated py	ramid structur	<u>Title:</u> Truncated pyramid structures for see-through solar cells		Agent Reference:	
018 3	ORD	14/507,786			Pending
United States of America		06-Oct-2014			
Owner Name: Solexel, Inc.				Attorneys: JW IP	
<u>Title:</u> TRUNCATE	) PYRAMID S	Title: TRUNCATED PYRAMID STRUCTURES FOR SEE-THROUGH SOLAR CELLS	DUGH SOLAR CELL		
019 0	ORD	12/728,772	20100294333	8828517	Granted
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<u>Division Name:</u>				Client Reference:	
Agent Name: Title:STRUCTURE	E AND METH	OD FOR IMPROVING SOLAR	CELL EFFICIENCY ,	Agent Reference:  Title: STRUCTURE AND METHOD FOR IMPROVING SOLAR CELL EFFICIENCY AND MECHANICAL STRENGTH	
019 1	ORD	14/479,523			Pending
United States of America		08-Sep-2014			
Owner Name: Solexel, Inc.				Attorneys: JW IP	
Division Name:				Client Reference:	
Agent Name: Title:STRUCTURE	E AND METH	OD FOR IMPROVING SOLAR	CELL EFFICIENCY ,	<u>Agent Reference:</u> Title:STRUCTURE AND METHOD FOR IMPROVING SOLAR CELL EFFICIENCY AND MECHANICAL STRENGTH	
020 EP	PCT	10732153.1	2387458	2387458	Granted
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Owner Name: Solexel, Inc.				Attorneys: JW IP	
<u>Division Name:</u>	<del>-</del>			Client Reference:	
Title: POROUS SILICO	LICON ELECT	Title:POROUS SILICON ELECTRO-ETCHING SYSTEM AND METHOD	METHOD	Agent Reference, OCE-21100 WOE	



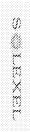
AUE	<u>Divisi</u>	Own	European Pat	022	Age			United States of America	021	<u>Own</u> <u>Divisi</u> Age	European Pat	021	<u>Own</u> Divisir Age	China (People's Republic)	021	<u>Divisi</u> <u>Age</u>	Own	United States of America	020	<u>Age</u>	<u>Divisi</u>	Own	Malaysia	020	Country	Case Number	Wednesday D	
<u>Title: Trench formation</u>	Division Name:	Owner Name: Solexel, Inc.	European Patent Convention		Agent Name:	Agent Name:	Owner Name:Solexel, Inc	of America		Owner Name: Solexel, Inc. <u>Division Name:</u> <u>Agent Name:</u> Richardt Patentanwalte <u>Trite:</u> STRUCTURES A	European Patent Convention		<u>Owner Name:</u> Solexel, Inc. <u>Division Name:</u> <u>Agent Name:</u> Jiaquan IP Law Firm <u>Trite:</u> STRUCTURES	's Republic)		Division Name: Agent Name: Title:	Owner Name:Solexel, Inc.	of America		Agent Name:Pintas iP Group Title:POROUS	Division Name:	Owner Name:Solexel, Inc					Wednesday, December 17, 2014	
Trench formati	rdt Datentanw	el, Inc.		Ŧ	STRUCTURES		el, Inc.		0	el, Inc. rdt Patentanwa		Ŧ	el, Inc. an IP Law Firm STRUCTURE:		S	POROUS SILI	el, Inc.	c	•	POROUS SILI	5 ) !	el, Inc.		MY	Sub Case		114	
on method for	pito o			PCT	S AND METHO				ORD	alte		PCT	S AND METH		PCT	CON ELECTR		ć	ORD .	CON ELECTR				PCT	Type	Case		
releasing a thin-film s			08-Feb-2010	10739242.5	ODS FOR HIGH-EFFI			10-N0V-2009	12/615,383	ODS FOR HIGH-EFFI	10-Nov-2010	10830677.0	ODS FOR HIGH-EFFI	10-Nov-2010	201080060493.8	<u>Title:</u> POROUS SILICON ELECTRO-ETCHING SYSTEM AND METHOD		15-Jan-2010	12/688 495	Title:POROUS SILICON ELECTRO-ETCHING SYSTEM AND METHOD			15-Jul-2011	PI2011003342	Filing Date	Application No.		
Agent Releasing a thin-film substrate from a reusable semiconductor template.			14-Dec-2011	2394296	CIENCY PYRAMIDAL TH			12-May-2011	20110108098	CIENCY PYRAMIDAL TH	19-Sep-2012	2499674	CIENCY PYRAMIDAL TH	03-Oct-2012	102714227	M AND METHOD	,	26-May-2011	20110120882	M AND METHOD					Publication Date	Publication No.	Patent I	
	Client Reference:	Attorneys: JW IP			Agent Reference:  Title: STRUCTURES AND METHODS FOR HIGH-EFFICIENCY PYRAMIDAL THREE-DIMENSIONAL SOLAR CELLS	Cliell Releielle.	Attorneys: JW IP			Attomeys: JW IP  Client Reference: Achardt Patentanwalte Title: STRUCTURES AND METHODS FOR HIGH-EFFICIENCY PYRAMIDAL THREE-DIMENSIONAL SOLAR CELLS			Attorneys: JW IP  Client Reference: Biaquan IP Law Firm Agent Reference: JQIP121078US  Title: STRUCTURES AND METHODS FOR HIGH-EFFICIENCY PYRAMIDAL THREE-DIMENSIONAL SOLAR CELLS			Client Reference: Agent Reference:	Attorneys: JW IP			Agent Reference: P1/3977/Hulsey/11	Client Reference:	Attorneys: JW IP				. Patent No.	Patent List/Status (by Case Number	
				Published					Allowed	U		Published			Published			PHOPPOG	Allowed					Q	Status		Dage & of	
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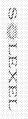
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Title:	<u>Division Name:</u>	Owner Name: Solexel, Inc.			<u>Title:</u>	Agent Name:Richardt Patentanwalte	on Name:	Owner Name:Solexel, Inc	European Patent Convention		<u>Division Name:</u> Agent Name: Jiaquan IP Law Firm Title: HIGH EFFICIE	Owner Name:Solexel, Inc	e's Republic)		Agent Name: Title: <sup>T</sup>	Division Name:	Owner Name:Solexel, Inc.	of America		<u>Ayelit Nairie.</u> <u>Title:</u> <sup>T</sup>	ant Name:	Division Name:	Owner Name:Solexel, Inc	of America		<u>Title:</u> <sup>T</sup>		Division Name:	Owner Name:Solexel, Inc				7	Wednasday, December 17, 2014	
 IIGH EFFIC	D Group	l, Inc.		MY	IIGH EFFIC	dt Patentanv		l, Inc.		₩	n IP Law Fir	l, Inc.		S	rench forma		l, Inc.		_	rench forma			l, Inc.		0	rench forma	IP Group		l, Inc.		MY	Sub Case		14	
IENCY EPIT				PCT	ENCY EPIT	valte				PCT	m IENCY EPIT			PCT	tion method				ORD	ıtion method					ORD	tion method					РСТ	Туре	Case		
AXIAL CHEMICAL VAF			05-Oct-2011	PI2011004789	AXIAL CHEMICAL VAF				14-Oct-2010	10765064.0	AXIAL CHEMICAL VAR		14-Apr-2010	201080021690.9	for releasing a thin-film			02-Oct-2012	13/633,723	for releasing a thin-film				08-Feb-2010	12/702,187	for releasing a thin-film				04-Aug-2011	PI2011700122	Filing Date	Application No.		
Title: HIGH EFFICIENCY EPITAXIAL CHEMICAL VAPOR DEPOSITION (CVD) REACTOR					Title: HIGH EFFICIENCY EPITAXIAL CHEMICAL VAPOR DEPOSITION (CVD) REACTOR				22-Feb-2012	2419306	<u>Clien</u> liaquan IP Law Firm <u>Agen</u> <u>Title:</u> HIGH EFFICIENCY EPITAXIAL CHEMICAL VAPOR DEPOSITION (CVD) REACTOR		25-Apr-2012	102427971	Agent Reference:  Title: Trench formation method for releasing a thin-film substrate from a reusable semiconductor template			17-Oct-2013	20130273721	<u>Agent Reference.</u> Trench formation method for releasing a thin-film substrate from a reusable semiconductor template				12-Aug-2010	20100203711	Title: Trench formation method for releasing a thin-film substrate from a reusable semiconductor template						Publication Date	Publication No.	Patent	
REACTOR	Client Reference:	Attorneys: JW			) REACTOR	Agent Reference:	Client Deference:	Attorneys: JW			Client Reference: Agent Reference: JQIP111123US REACTOR	Attorneys: JW			Agent Reference: e semiconductor template	Client Reference:	Attorneys: JW		_	e semiconductor template	A sout Defendance:	Client Reference:	Attorneys: JW	02-Oct-2012	1 8278192	e semiconductor template	Agent Reference:	Client Reference:	Attorneys: JW			Date Patent Date	No. Patent No.	Patent List/Status (by Case	
TOR	PT/4060/Hijlsev/11	JW IP				Agent Reference: SOL.211.05 WOEP		JW IP			JQIP111123US	JW IP					JW IP			(D			JW IP	t-2012	92		Agent Reference: PT/4003/Hulsey/11		JW IP			t Date	t No.	Case Number)	
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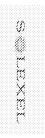


		QUIPMENT	Title: HIGH-PRODUCTIVITY POROUS SEMICONDUCTOR MANUFACTURING EQUIPMENT	OROUS SEMICONDU	ODUCTIVITY F	<u>itle:</u> HIGH-PR	
	WOEP	Agent Reference: SOL 211 08			tanwalte	chardt Patent	Agent Name: Richardt Patentanwalte
		Client Reference:					Division Name:
		Attorneys: JW IP				olexel, Inc.	Owner Name: Solexel, Inc
			14-Mar-2012	05-May-2010		tion	<b>European Patent Convention</b>
	Published		2427914	10772799.2	PCT	Ŧ	029
	5US	Agent Reference: JQIP111125US QUIPMENT	laquan IP Law Hirm  Agent R  Title: HIGH-PRODUCTIVITY POROUS SEMICONDUCTOR MANUFACTURING EQUIPMENT	OROUS SEMICONDU	ODUCTIVITY F	aquan IP Law itle:HIGH-PR	Agent Name: Jiaquan IP Law Firm
		Client Reference:			!	i	<u>Division Name:</u>
		Attorneys: JW IP				olexel, Inc.	Owner Name: Solexel, Inc
			16-May-2012	05-May-2010		ت	China (People's Republic)
	Published		102460716	201080030023.7	РСТ	S	029
		I FILM SUBSTRATE	Title: METHOD OF CREATING REUSABLE TEMPLATE FOR DETACHABLE THIN FILM SUBSTRATE	3 REUSABLE TEMPLA	OF CREATING	itle:METHOD	
		Agent Reference:					
		Client Reference:					Division Name:
		Attorneys: JW IP				olexel, Inc.	Owner Name: Solexel, Inc.
			19-Sep-2013	01-Jan-1900			United States of America
	Published		20130241038	13/897,323	ORD	_	028
		Agent Reference:	$rac{Agent}{Agent}$ Retribus. METHOD OF CREATING REUSABLE TEMPLATE FOR DETACHABLE THIN FILM SUBSTRATE	3 REUSABLE TEMPLA	OF CREATING	itle:METHOD	Agent Name:
		Client Reference:					Division Name:
		Attorneys: JW IP				olexel, Inc.	Owner Name: Solexel, Inc.
		21-May-2013	20-Jan-2011	24-May-2010			United States of America
	Granted	8445314	20110014742	12/786,262	ORD	0	028
	TS	Agent Reference: Title: INTEGRATED 3-DIMENSIONAL AND PLANAR METALLIZATION STRUCTURE FOR THIN FILM SOLAR CEL	METALLIZATION STRUCTU	SIONAL AND PLANAR	TED 3-DIMEN:	itle:INTEGRA	Agent Name: <u>T</u> i
		Client Reference:					Division Name:
		Attorneys: JW IP				olexel, Inc.	Owner Name: Solexel, Inc.
			25-Nov-2010	26-Apr-2010			United States of America
	Published		20100294356	12/767,512	ORD	0	025
T		ACTOR	$\overline{\mathrm{Title}}$ : HIGH EFFICIENCY EPITAXIAL CHEMICAL VAPOR DEPOSITION (CVD) REACTOR	FAXIAL CHEMICAL VAF	FICIENCY EPIT	<u>itle:</u> HIGH EFF	
<b>.</b>		Client Reference:					<u>Division Name:</u>
DI		Attorneys: JW IP				olexel, Inc.	Owner Name: Solexel, Inc.
ΞM		25-Feb-2014	21-Oct-2010	14-Apr-2010			United States of America
Λ	Granted	8656860	20100267245	12/759,820	ORD	0	024
NC.	Status	Patent Date	Publication Date	Filing Date	ıse Type	Sub Case	Country
		Patent No.	Publication No.	Application No.	Case		Case Number
Page 10 of 46	umber)	Patent List/Status (by Case Number	Patent Li			7, 2014	Wednesday, December 17, 2014



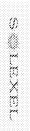
ര	TITIRE THREE-DIMENSIONAL THIN-FILM SEMICONDUCTOR SUBSTRATE WITH THROUGH-HOLES AND METHODS OF MANUFACTURING	Agent Reference: SOL.211.09 THROUGH-HOLES AND METHO	DUCTOR SUBSTRATE WITH	THIN-FILM SEMICONE	:-DIMENSIONAL	<u>Agent Name:</u> Richardt Pateillaitwalle Title:THREE-DIMENSI	<u>Agent I</u>
		Client Reference:				lame:	<u>Division Name:</u>
	P	Attorneys: JW				Owner Name: Solexel, Inc.	<u>Owner I</u>
			04-Apr-2012	01-Jun-2010		Convention	<b>European Patent Convention</b>
	Published		2436028	10781392.5	РСТ	Ą	032
			<u>Title:</u> Ion implantation fabrication process for thin-film crystalline silicon solar cells	on process for thin-film	lantation fabricat	Title:lon imp	
		Agent Reference:					Agent Name
		Client Reference:				<u>lame:</u>	<u>Division Name:</u>
	P	Attorneys: JW				Owner Name:Solexel, Inc.	<u>Owner I</u>
			12-Dec-2013	28-Nov-2012		\merica	United States of America
	Published		20130330872	13/688,062	ORD	_	030
			Title: Ion implantation fabrication process for thin-film crystalline silicon solar cells	on process for thin-film	lantation fabricat		
		Agent Reference:					Agent Name:
		Client Reference:				<u>lame:</u>	Division Name:
	₽	Attorneys: JW				Owner Name:Solexel, Inc.	Owner I
		16-Apr-2013	02-Dec-2010	05-May-2010		\merica	United States of America
	Granted	8420435	20100304522	12/774,713	ORD	0	030
		Agent Reference: QUIPMENT	$rac{AgentR}{ITite:}$ HIGH-PRODUCTIVITY POROUS SEMICONDUCTOR MANUFACTURING EQUIPMENT	OROUS SEMICONDU	RODUCTIVITY		Agent Name
		Client Reference:				<u>lame:</u>	<u>Division Name:</u>
	P	Attorneys: JW				Owner Name: Solexel, Inc.	<u>Owner I</u>
			10-Feb-2011	05-May-2010		\merica	United States of America
	Allowed		20110030610	12/774,667	ORD	0	029
	)/Hulsey/11	Agent Reference: PT/4090/Hulsey/11 QUIPMENT	Agent R Title: HIGH-PRODUCTIVITY POROUS SEMICONDUCTOR MANUFACTURING EQUIPMENT	OROUS SEMICONDU	RODUCTIVITY	Agent Name:Pintas IP Group Title:HIGH-PRO	<u>Agent I</u>
		Client Reference:				<u>lame:</u>	<u>Division Name:</u>
	P	Attorneys: JW				Owner Name:Solexel, Inc.	Owner I
				04-Nov-2011			Malaysia
	Pending			PI2011005354	РСТ	MΥ	029
		QUIPMENT	Title: HIGH-PRODUCTIVITY POROUS SEMICONDUCTOR MANUFACTURING EQUIPMENT	OROUS SEMICONDU	RODUCTIVITY	<u>Title:</u> HIGH-F	
	58	Agent Reference: X1V-1258			Partners	Agent Name: Nakamura & Partners	Agent I
		Client Reference:				<u>lame:</u>	Division Name:
	₽	Attorneys: JW				Owner Name:Solexel, Inc.	<u>Owner I</u>
ΞM				05-May-2010			Japan
	Pending			2012-509957	РСТ	٩Ų	029
	Status	Patent Date	Publication Date	Filing Date	Case Type	Sub Case	Country
		Patent No.	Publication No.	Application No.	Case		Case Number
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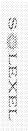


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Country	Sub Case		Filing Date 12/731 058	Publication Date	Patent Date 8288195	Status Granted
034 United States of America	-	ORD	12/731,058 24-Mar-2010	20100267186 21-Oct-2010	8288195 16-Oct-2012	Granted
Owner Name:Solexel, Inc.	xel, Inc.				Attorneys: JW IP	U
<u>Division Name:</u>					Client Reference:	
					Agent Reference:	
	Substrates for	or High-Efficie	Title: Substrates for High-Efficiency Thin-Film Solar Cells Based on Crystalline Templates	sed on Crystalline Tem	plates	
034	2	ORD	13/652,237	20130288418		Published
United States of America			15-Oct-2012	31-Oct-2013		
Owner Name:Solexel, Inc.	xel, Inc.				Attorneys: JW IP	U
Division Name:					Client Reference:	
<u>Agent Name:</u> Title	<sub>e:</sub> Substrates f	or High-Efficie	<u>Ag</u> α Title:Substrates for High-Efficiency Thin-Film Solar Cells Based on Crystalline Templates	sed on Crystalline Tem	<u>Agent Reference:</u> plates	
035	0	ORD	12/618,668	20100175752	8294026	Granted
United States of America			13-Nov-2009	15-Jul-2010	23-Oct-2012	
Owner Name: Solexel, Inc	xel, Inc.				Attorneys: JW IP	U
<u>Division Name:</u> <u>Agent Name:</u>					Client Reference: Agent Reference:	
035	1 ORD 13/6:	ORD	13/657,745	20130284255		Published
United States of America			22-Oct-2012	31-Oct-2013		
Owner Name:Solexel, Inc.	xel, Inc.				Attorneys: JW IP	U
Division Name:					Client Reference:	
	: : :	: !	:		Agent Reference:	
<u>Title</u>	Title: High-efficiency thin-film solar cells	cy thin-film so	lar cells			
036	CN0	PCT	201080063494.8	102763226		Published
China (People's Republic)			09-Dec-2010	31-Oct-2012		
Owner Name: Solexel, Inc	xel, Inc.				Attorneys: JW IP	U
Division Name:	i				Client Reference:	
<u>Agent Name</u> :Jiaquan IP Law Firm <u>Title:</u> HIGH-EFFICIE	uan IP Law Fi <u>:</u> HIGH-EFFIC	IENCY PHO	OVOLTAIC BACK-CONTAC	T SOLAR CELL STRU	Agent Reference: JQIP121117US CTURES AND MANUFACTURING N	<u>Agent Reference:</u> JQIP121117US <u>Title:</u> HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING THIN PLANAR SEMICONDUCTOR ABSORBERS
036	CN1	PCT	201080063303.8	102763225		Published
China (People's Republic)			09-Dec-2010	31-Oct-2012		
Owner Name:Solexel, Inc	xel, Inc.				Attorneys: JW IP	U
Division Name:					Client Reference:	
Agent Name: ligguan ID I aw Firm	uan IP Law Fi	∄			liaquan IP Law Firm <u>Agent Reference:</u> JQIP121118US	18US

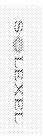
	intas IP Group  Agent Reference: PT/4295/Hulsey/12  Agent Reference: PT/4295/Hulsey/12	Agent Reference: PT/4295/Hulsey/12	ACT SOLAR CELL STRU	TOVOLTAIC BACK-CONTA	CIENCY PHO	. ' '	Agent
		Client Reference:				Name:	Division Name:
		Attorneys: JW IP				Owner Name:Solexel, Inc.	<u>Owner</u>
				09-Aug-2012			Malaysia
	Pending			PI2012700547	PCT	MY1	036
1	Title: HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING THIN PLANAR SEMICONDUCTOR ABSORBERS	JCTURES AND MANUFACTURING METH	CT SOLAR CELL STRU	TOVOLTAIC BACK-CONTA	CIENCY PHO	Title: HIGH-EFFI	
		Client Reference:  Agent Reference: PT/4294/Hulsev/12				<u>vision Name:</u> Agent Name:Pintas IP Group	<u>Division Name</u>
		Attorneys: JW IP				Owner Name: Solexel, Inc.	Owner
				09-Aug-2012			Malaysia
	Pending			PI2012700546	PCT	MY0	036
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Agent Reference: SOL.212.03 WO EP  Title: HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING THREE-DIMENSIONAL SEMICONDUCTOR ABSORBERS	Agent Reference: SOL 212.03 WO EP JCTURES AND MANUFACTURING MET	ACT SOLAR CELL STRU	TOVOLTAIC BACK-CONTA	nwalte CIENCY PHO	Agent Name:Richardt Patentanwalte Title:HIGH-EFFICIENC	<u>Agent</u>
		Client Reference:				Name:	Division Name:
		Attorneys: JW IP				Owner Name:Solexel, Inc.	Owner
				09-Dec-2010		Convention	European Patent Convention
	Published		2510550	10836703.8	PCT	EP2	036
	<u>Client Reference:</u> Richardt Patentanwalte Agent Reference: SOL.212.04 WO EP T <u>itle:</u> HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING SEMICONDUCTOR WAFERS	Client Reference: Agent Reference: SOL.212.04 WO EP CTURES AND MANUFACTURING METI	ACT SOLAR CELL STRU	TOVOLTAIC BACK-CONTA	nwalte	' '÷ '' '	<u>Division Name</u> <u>A</u> gent Name
		Attorneys: JW IP				Owner Name:Solexel, Inc.	Owner
				09-Dec-2010		Convention	European Patent Convention
	Published		2510552	10836723.6	PCT	EP1	036
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ı		Client Reference:				Owilet Name:	Division Name
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TR.	iaquan IP Law Firm  Agent Reference: JQIP121119US  Title: HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING THREE-DIMENSIONAL SEMICONDUCTOR ABSORBERS	Agent Reference: JQIP121119US JCTURES AND MANUFACTURING METI	ACT SOLAR CELL STRU	TOVOLTAIC BACK-CONTA	CIENCY PHO	. '-	<u>Agent</u>
		Client Reference:				<u>Name:</u>	<u>Division Name:</u>
		Attorneys: JW IP				Owner Name:Solexel, Inc.	Owner
		25-Dec-2013	14-Nov-2012	09-Dec-2010		Republic)	China (People's Republic)
	Granted	201080063496	102782869	201080063496.7	PCT	CN2	036
	Status	e Patent Date	Publication Date	Filing Date	е Туре	Sub Case	Country
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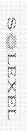
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		Agent Name:	Division Name:	Owner Name:Solexel, Inc	United States of America			Agent Name:	vision Name:	Owner Name:Solexel, Inc	European Patent Convention				Division Name:	Owner Name:Solexel, Inc	China (People's Republic)			Agent Name:	Division Name:	Owner Name:Solexel, Inc	United States of America		Agent Name:	Division Name:	Owner Name:Solexel, Inc.	United States of America		<u>Agent Name:</u>	Division Name:	Owner Name:Solexel, Inc	United States of America			ber		Wednesday, December 17, 2014	
	Title:MOBILE			solexel, Inc.	Ø	NO.	Title:MOBILE	Agent Name:Richardt Patentanwalte		Solexel, Inc.	ntion	Ŧ	Title: MOBILE	<u>Agent Name:</u> Jiaquan IP Law Firm		solexel, Inc.	<u>r</u>	CN	Title:HIGH-EF			solexel, Inc.	Ø	N2	Title:HIGH-EF		solexel, Inc.	Ø	<u>Z</u>	<u>Title:</u> HIGH-EF		Solexel, Inc.	ໝ	N <sub>0</sub>	Sub Case			17, 2014	
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	Title: MOBILE VACUUM CARRIERS FOR THIN WAFER PROCESSING				24-Dec-2012	13/515,848	Title: MOBILE VACUUM CARRIERS FOR THIN WAFER PROCESSING				15-Dec-2010	10842566.1	Title: MOBILE VACUUM CARRIERS FOR THIN WAFER PROCESSING				15-Dec-2010	201080063771.5	OTOVOLTAIC BACK-CONT				15-Mar-2013	13/057,123	OTOVOLTAIC BACK-CONT			09-Dec-2010	13/057,115	OTOVOLTAIC BACK-CONT			13-Aug-2012	13/057,104	Filing Date	Application No.			
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	A CONTRACTOR CONTRACTO	Agent Reference:	Client Reference:	Attorneys: JW IP			Adalit izalalaliza		Client Deference:	Attorneys: JW IP				Agent Reference: JQIP121099US	Client Reference:	Attorneys: JW IP			Title: HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING THREE-DIMENSIONAL SEMICONDUCTOR ABSORBERS	Agent Reference:	Client Reference:	Attorneys: JW IP			Agent Reference:  Title: HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING METHODS USING SEMICONDUCTOR WAFERS	Client Reference:	Attorneys: JW IP			Agent Reference:  Title: HIGH-EFFICIENCY PHOTOVOLTAIC BACK-CONTACT SOLAR CELL STRUCTURES AND MANUFACTURING	Client Reference:	Attorneys: JW IP			Patent Date	Patent No.		Patent List/Status (by Case Number	
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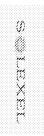
Patent No. Patent Date  Patent Date  Patent Date  Status  102782827 Granted  06-Aug-2014  Attorneys: JW IP  Client Reference: JOIP121112US  Agent Reference: SOL 212.06 WO EP  Agent Reference: SOL 212.06 WO EP  Attorneys: JW IP  Client Reference: JOIP121147US  Adent Reference: JOIP121147US  hotovoltaic cell and microelectronics de hotovoltaic cell and microelectronics de B241940  Attorneys: JW IP  Client Reference: SOL 212.07 WO EP  Agent Reference: SOL 212.07 WO EP  hotovoltaic cell and microelectronics de B241940  Attorneys: JW IP  Client Reference: SOL 212.07 WO EP  Agent Reference: SOL 212.07 WO EP  Agent Reference: SOL 212.07 WO EP  Client Reference: SOL 212.07 WO E
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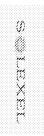
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041	_	ORD	13/554,103	20130171808		Published	
United States of America			20-Jul-2012	04-Jul-2013			
Owner Name:Solexel, Inc	lexel, Inc.				Attorneys: JW IP		
<u>Division Name:</u>					Client Reference:		
<u>Agent Name:</u> Tii	itle:Double-sided	reusable tem	plate for fabrication of semio	onductor substrates for p	Agent Reference:  Agent Reference:  Agent Reference:	G.	
043	₩	РСТ	11772838.6	2561558		Published	
European Patent Convention	tion		23-Apr-2011				
Owner Name:Solexel, Inc	lexel, Inc.				Attorneys: JW IP		
Division Name:					Client Reference:		
<u>Agent Name:</u> Ric Tit	Agent Name:Richardt Patentanwalte Title:PASSIVATION M	/alte N METHODS	AND APPARATUS FOR AC	HIEVING ULTRA-LOW	Agent Reference: SOL.212.08 WO EP SURFACE RECOMBINATION VELOCI	Agent Reference: SOL.212.08 WO EP Title:PASSIVATION METHODS AND APPARATUS FOR ACHIEVING ULTRA-LOW SURFACE RECOMBINATION VELOCITIES FOR HIGH-EFFICIENCY SOLAR CEL	
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Owner Name: Solexel, Inc	lexel, Inc.				Attorneys: JW IP		
<u>Division Name:</u> <u>Agent Name:</u> Ha	<u>ivision Name:</u> <u>Agent Name:</u> Hana Intellectual Property Law	roperty Law			Client Reference: Agent Reference: 2013fp30629us		
043	KR KR	PCT	10-2012-7030770		10-1381305	KR PCT 10-2012-7030770	
Korea, Republic of			23-Nov-2012		28-Mar-2014		
Owner Name:Solexel, Inc	lexel, Inc.				Attorneys: JW IP		
<u>Division Name:</u> <u>Agent Name:</u> Ha	<u>ivision Name:</u> <u>Agent Name:</u> Hana Intellectual Property Law	roperty Law			Client Reference: Agent Reference: 2012fp31204us		
043	0	ORD	13/092,942	20110284068		0 ORD 13/092,942 20110284068 Published	
United States of America			23-Apr-2011	24-Nov-2011			
Owner Name: Solexel, Inc	lexel, Inc.				Attorneys: JW IP		
Division Name:					Client Reference:		
<u>Agent Name:</u> <u>Ti</u> i	<u>itle:</u> PASSIVATIOI	N METHODS	AND APPARATUS FOR AC	HIEVING ULTRA-LOW	Agent Reference: SURFACE RECOMBINATION VELOC	<u>Agent Reference:</u> <u>Title:</u> PASSIVATION METHODS AND APPARATUS FOR ACHIEVING ULTRA-LOW SURFACE RECOMBINATION VELOCITIES FOR HIGH-EFFICIENCY SOLAR CEL	
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Owner Name: Solexel, Inc	lexel, Inc.				Attorneys: JW IP		
<u>Division Name:</u>							
Agent Name:Richardt Patentanwalte					Client Reference:		

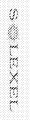


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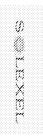


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			18-Mar-2013	13/846,230	ALUMINUM DOPING AND				30-Dec-2011	13/340,903	DUES FOR HIGH-EFFICIE			30-Dec-2011	13/340,887	Title: PATTERNING OF SILICON OXIDE LAYERS USING PULSED LASER ABLATION				30-Dec-2011	13/340,877	Title: LASER ANNEALING APPLICATIONS IN HIGH-EFFICIENCY SOLAR CELLS				23-Nov-2011	13/303,488	Title: HIGH-THROUGHPUT FLAT TOP LASER BEAM PROCESSING FOR BACK CONTACT SOLAR CELLS				11-Oct-2011	13/271,212	Filing Date	Application No.	
			22-Aug-2013	20130217172	D FORMATION OF BACK				12-Jul-2012	20120178203	NCY CRYSTALLINE SE			06-Sep-2012	20120225515	PULSED LASER ABLAT				05-Jul-2012	20120171804	CIENCY SOLAR CELLS				27-Jun-2013	20130164883	OCESSING FOR BACK O				17-May-2012	20120122272	Publication Date	Publication No.	
Agent Reference:	Client Reference:	Attorneys: JW			Title: LASER ANNEALING FOR ALUMINUM DOPING AND FORMATION OF BACK-SURFACE FIELD IN SOLAR	Agent Deference:	Client Reference:	Attorneys: JW			Title:LASER DOPING TECHNIQUES FOR HIGH-EFFICIENCY CRYSTALLINE SEMICONDUCTOR SOLAR CEI	Client Reference:	Attorneys: JW			ION	Agent Reference:	Client Reference:	Attorneys: JW	28-Jan-2014	8637340		Agent Reference:	Client Reference:	Attorneys: JW			ONTACT SOLAR CELLS	Agent Reference:	Client Reference:	Attorneys: JW			Patent Date	Patent No.	
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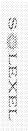




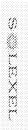
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		Agent Reference: PT/4799/Solexel/13			dno	Agent Name: Pintas IP Group	
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		Attorneys: JW IP				Owner Name: Solexel, Inc.	
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DE		Attorneys: JW IP				Owner Name: Solexel, Inc.	
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Page 21 of 46		WStatus (by Case Number)	Patent List/Status			Wednesday, December 17, 2014	Wednesda



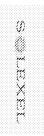
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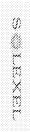


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Case   Application No.   Publication No.   Patent No.   Patent No.   Patent No.   Dublication No.   Patent No.   Patent No.   Dublication No.   Patent N			Agent Reference: APC-13-0224			t & Law Firm	Muhann Patent	Agent Name
Case Application No. Publication No. Patent No.  the Case Type Filing Date Publication No. Patent No.  RT PCT 10-2013-7014225  nc. Altomeys: JW IP Client Reference: 2013/p30692048  Agenit Reference: 2013/p30692047  24-Sep-2011 18-Jul-2013  nc. 24-Sep-2011 18-Jul-2013  nc. 24-Sep-2011 18-Jul-2013  nc. 2013/p30692047  Attomeys: JW IP Client Reference: 2013/p30692048  Agenit Reference: Agenit Agenit Referen			Client Reference:				•	Division Name
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Case Application No. Publication No. Patent No.  Inc. PCT 10-2013-7014255  Inc. Attorneys: JW IP  Client Reference:  SHECTUAL Property Law  PARATUS AND METHODS FOR UNIFORMLY FORMING POROUS SEMICONDUCTOR ON A SUBSTRATE  ORD 13/244,466 20130180847				10-501-2010	24-3eb-2011		Solexel, Inc.	Owner Name
Case Application No. Publication No. Patent No.  List Status (by Case Number)  Case Application No. Publication No. Patent No.  Post 10-2013-7014255  R1 PCT 10-2013  Publication Date Patent Date  Post 10-2013-7014255  Attomeys: JW IP  Client Reference: Agent Reference:  Agent Reference: 2013fp30692us  PARATUS AND METHODS FOR UNIFORMLY FORMING POROUS SEMICONDUCTOR ON A SUBSTRATE	o.	Allower		20130180847	13/244,466	ORD		049
Case Application No. Publication No. Patent List Status (by Case Number)  Lub Case Type Filing Date Publication Date Patent Date  R1 PCT 10-2013-7014255  O3-Jun-2013  nc. Attorneys: JW IP  Client Reference: Agent Reference: 2013fp30692us			CONDUCTOR ON A SUBSTRATE	FORMING POROUS SEMI	HODS FOR UNIFORMLY	TUS AND METH	Title: APPARA	
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Case Application No. Publication No. Patent No.  ### PCT 10-2013-7014255  ##################################					03-Jun-2013			Korea, Republic of
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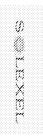


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Case   Application No.   Publication No.   Patent List/Status (by Case Number)	Published		20120167819	13/341,976		0	058
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Case Application No. Publication No. Patent List/Status (by Case Number)  List/Status (by Case Number)  Case Application No. Publication No. Patent No.  PCT PI2013701140  28-Jun-2013  Inc. PCT PI2013701140  28-Jun-2013  Attorneys: JW IP  Client Reference: Agent Reference: PT/4676/Solexel/13  POSITION SYSTEMS AND PROCESSES  ORD 13/341,965  31-Dec-2011  ORD 13/341,965  20120192769  31-Dec-2011  OZ-Aug-2012  Attorneys: JW IP  Client Reference: Agent Reference: Age		WL			nc.	Owner Name: Solexel, li	
Case Application No. Publication No. Patent List/Status (by Case Number)  List/Status (by Case Number)  Case Application No. Publication No. Patent No.  Librory Filing Date Publication Date Patent Date  PCT PI2013701140  28-Jun-2013  Attomeys: JW IP  Client Reference: PT/4676/Solexel/13  POSITION SYSTEMS AND PROCESSES  ORD 13/341,965 20120192789  31-Dec-2011 02-Aug-2012  Attomeys: JW IP  Client Reference: PT/4676/Solexel/13  Agent Reference: Ag		07-Apr-2014		30-Jul-2013		Republic of	Korea,
Case Application No. Publication No. Patent Lis VStatus (by Case Number)  Lis VStatus (by Case Number)  Case Application No. Publication No. Patent No.  Publication Date Patent Date  Publication Date Patent Date  Publication Date Patent Date  Publication Date Patent Date  Paten	Granted	10-1384872		10-2013-7020199		<b>X</b>	058
Case Application No. Publication No. Patent List/Status (by Case Number)  Case Type Filing Date Publication Date Patent Date  NY PCT PI2013701140  28-Jun-2013  Inc. Attorneys: JW IP  Client Reference: PT/4676/Solexel/13  POSITION SYSTEMS AND PROCESSES  ORD 13/341,965 20120192789  31-Dec-2011 02-Aug-2012  Client Reference: PT/4676/Solexel/13		Agent Reference:		S AND PROCESSES	OSITION SYSTEMS		
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Case Application No. Publication No. Patent List/Status (by Case Number)  Case Application No. Publication No. Patent No.  PCT PI2013701140  28-Jun-2013  Inc. 28-Jun-2013  Aftomeys: JW IP  Client Reference:  Group  Con Application No. Patent No.  Agent Reference:  Agent Reference:  Agent Reference:  Application No. Publication No. Patent No.  Position No. Patent No.  Position No. Patent No.  Agent Reference:  Agent Referen	rubiisiieu		20120182768	13/341,965			5 6
Case Application No. Publication No. Patent List/Status (by Case Number)  Case Application No. Publication No. Patent No.  PCT PI2013701140  28-Jun-2013  Inc. Attorneys: JW IP  Client Reference: PT/4676/Solexel/13  Agent Reference: PT/4676/Solexel/13				AND PROCESSES	COSITION SYSTEMS	Title: DEF	
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Patent List/Status (by Case Number)  Case Application No. Publication No. Patent No.  ub Case Type Filing Date Publication Date Patent Date  NY PCT PI2013701140  28-Jun-2013  nc. Attomeys: JW IP		Client Reference:				Division Name:	
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Case Application No. Publication No. Patent List/Status (by Case Number)  Case Application No. Patent No.  PCT PI2013701140  Patent List/Status (by Case Number)				28-Jun-2013		ā	Malays
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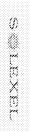




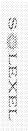
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	Status	Patent Date	Publication Date	Filing Date		Sub Case	Country
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Page 26 of 46		Patent List/Status (by Case Number)	Patent Li			7, 2014	Wednesday, December 17, 2014



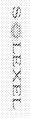
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Case	Application No.	Publication No.	Patent No.		
Sub Case Type	Filing Date	Publication Date	Patent Date	Status	71/
CN PCT	201280049551.6	103918088		Published	A -
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EP PCT	12822670.1	2742536		Published	
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JP PCT	2014525003			Pending	
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IGH-EFFICIENCY S	OLAR PHOTOVOLTAIC CELLS AI	ND MODULES USING T	Agent Reference: ^ I V - I 238 HIN CRYSTALLINE SEMICONDUCT	OR ABSORBERS	
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IGH-EFFICIENCY S	OLAR PHOTOVOLTAIC CELLS AI	VND MODULES USING T	Agent Reference: P1/4884/SOLEXEL HIN CRYSTALLINE SEMICONDUCT	OR ABSORBERS	
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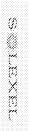
Owner Name; Solexel, Inc.  Division Name: Agent Name: Pintas IP Group  Title: SMART PHOTOVOLTAIC CELLS AND MODULES  Agent Name: Agent Reference: PT/5011/SOLEXEL/14		KR PCT 10-2014-7016608  sa, Republic of 18-Jun-2014  Owner Name: Solexel, Inc. Division Name: Agent Name: Muhann Patent & Law Firm Title: SMART PHOTOVOLTAIC CELLS AND MODULES  MY PCT PL 2014700259	069         JP         PCT         2014542579         Pending           Japan         20-Nov-2012         Attorneys: JW         IP           Division Name:         Agent Name:Nakamura & Partners         Client Reference: X1V-1262           Agent Reference:         X1tle:SMART PHOTOVOLTAIC CELLS AND MODULES         Agent Reference: X1V-1262	European Patent Convention  13-Jun-2014  24-Sep-2014  Owner Name: Solexel, Inc.  Division Name:  Agent Name: Richardt Patentanwalte  Title: SMART PHOTOVOLTAIC CELLS AND MODULES	Agent Name: Jiaquan IP Law Firm  Agent Name: SMART PHOTOVOLTAIC CELLS AND MODULES  10-120067268.6  104106143  15-Oct-2014  15-Oct-2014  Attorneys: JW IP  Client Reference: Agent Reference: JQIP141098US  Agent Reference: Agent Reference: JQIP141098US	Case Number         Case         Application No.         Publication No.         Patent No.           Country         Sub Case         Type         Filling Date         Publication Date         Patent Date         Status           069         AU         PCT         2012340098         Publication Date         Patent Date         Pending           Australia         20-Nov-2012         Attorneys: JW         IP           Division Name: Freehills Patent Attorneys         Agent Reference: M50068978         M50068978           Agent Reference: M50068978         Agent Reference: M50068978         M50068978	
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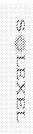
Patent List		lana Intellectual Property Law  Agent Reference: 2014-FP-40655US	<del>-</del>		Agent Name: Hana Intellectual Property Law	· T ·
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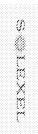
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		Agent Reference: M50072250			nt Attorneys	Agent Name: Freehills Patent Attorneys	<u>Agent</u>
		Client Reference:				<u>Name:</u>	Division Name:
		Attorneys: JW IP				Owner Name:Solexel, Inc.	Owner
				30-Jul-2014			Australia
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		Attorneys: JW IP				Owner Name:Solexel, Inc.	<u>Owner</u>
			16-Jan-2014	26-Dec-2012		America	United States of America
	Published		20140017846	13/727,393	ORD	0	071
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		Client Reference: Agent Reference: APC-14-0212			t & Law Firm	<u>vision Name:</u> Agent Name:Muhann Patent & Law Firm	<u>Division Name:</u> <u>Agent Name:</u>
		Attorneys: JW IP				Owner Name:Solexel, Inc.	Owner
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		Agent Reference: X1V-1246			artners	~	Agent Name:
		Attorneys: JW IP				Owner Name: Solexel, Inc.	<u>Owner</u>
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DE		Attorneys: JW IP				Owner Name: Solexel, Inc.	<u>Owner</u>
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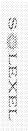
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Agent Reference: APC-14-0252 TRANSFER	Client Reference:	Attorneys: JW IP			Agent Reterence: < 1 v - 1004 TRANSFER	Client Reference:	Attorneys: JW IP			ttorneys: JW IP <u>eference:</u> <u>eference:</u> SOL.214.03			Attorneys: JW IP <u>Client Reference:</u> <u>Agent Reference:</u> M50077349  TRANSFER			Client Reference: Agent Reference:	Attorneys: JW IP			Agent Reference: A 1 v - 1 200	Client Reference:	Attorneys: JW IP				Patent No.	Patent List/Status (by Case Numbe	
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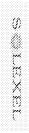
		LIZATION	Title: BACK CONTACT SOLAR CELLS USING ALUMINUM-BASED ALLOY METALLIZATION	AR CELLS USING ALUMI	le:BACK CONTACT SOL	<b>□</b>
		Agent Reference: M50079093			Agent Name: Freehills Patent Attorneys	Agent Name:Fre
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		Attorneys: JW IP			exel, Inc.	Owner Name: Solexel, Inc.
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		Agent Reference:				Agent Name:
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		Attorneys: JW IP			exel, Inc.	Owner Name: Solexel, Inc
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	Published		20130337601	13/781,708	0 ORD	075
		<u>Client Reference:</u> Muhann Patent & Law Firm <u>Agent Reference:</u> APC-14-0253 <u>Title:</u> STRUCTURES AND METHODS FOR HIGH EFFICIENCY COMPOUND SEMICONDUCTOR SOLAR CELLS	ICIENCY COMPOUND SEMI	ETHODS FOR HIGH EFF	<u>vision Name:</u> <u>Agent Name:</u> Muhann Patent & Law Firm <u>Trite:</u> STRUCTURES AND M	<u>Division Name:</u> <u>Agent Name</u> :Mu <u>Tit</u>
		Attorneys: JW IP			exel, Inc.	Owner Name: Solexel, Inc.
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		Attorneys: JVV IP			exel, Inc.	Owner Name: Solexel, Inc
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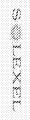
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7	Owner Name:Solexel, Inc.		JP PCT	Agent Name:Freehills Patent Attorneys Title:HIGH EFFICIENCY	<u> </u> 6.	Owner Name:Solexel, Inc.		AU PCT			Owner Name:Solexel, Inc.	erica	0 ORD	Agent Name: reelilis ratelit Attolleys <u>Title:</u> END POINT DETEC	E Cohille Detait Attached	Owner Name:Solexel, Inc.		AU PCT		<u>ਨ</u>	Owner Name:Solexel, Inc.	erica	0 ORD	Title:BACK CONTACT S		Owner Name:Solexel, Inc.		KR PCT	Sub Case Type	Case	er 17, 2014
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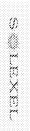
METHODS AND STRUCTURES FOR LARGE-AREA THIN-	Agent Name:Freehills Patent Attorneys  Agent Reference: M50079106	Client F	Owner Name: Solexel, Inc.  Attorneys: JW MK	Australia 24-Apr-2013	082 AU PCT 2013272248	Title: RESISTANCE COMPONENT EXTRACTION FOR BACK CONTACT BACK JUNCTION SOLAR CELLS	Agent Name:  Agent Name:  Agent Reference:  Agent Name:  Agent Reference:	<u>Division Name:</u> <u>Client Reference:</u>	Owner Name: Solexel, Inc.  Attorneys: JW IP	United States of America 08-Sep-2014	<b>1 ORD</b> 14/479,540	Title: RESISTANCE COMPONENT EXTRACTION FOR BACK CONTACT BACK JUN	<u>Division Name:</u> Agent Name:  Agent Reference:  Agent Name:	Solexel, Inc.	United States of America 23-Apr-2013 29-May-2014 09-Sep-2014	<b>081 0 ORD</b> 13/868,987 20140147944 8828784	Agent Name:Nakamura & Partners  Title:RESISTANCE COMPONENT EXTRACTION FOR BACK CONTACT BACK JUNCTION SOLAR CELLS		Owner Name: Solexel, Inc. Attorneys: JW IP	Japan 23-Oct-2014	081 JP PCT XXXX	Agent Name:  Title: TEMPERATURE CALIBRATION AND CONTROL FOR SEMICONDUCTOR REACTORS		Owner Name: Solexel, Inc. Attorneys: JW IP	United States of America 19-Apr-2013 29-May-2014	080 ORD 13/866,990 20140146854	Agent Name:  Title: HIGH EFFICIENCY SOLAR CELL STRUCTURES AND MANUFACTURING METHODS		Owner Name: Solexel, Inc.  Attorneys: JW IP	United States of America 02-Apr-2013 22-Aug-2013	<b>079 0 ORD</b> 13/855,657 20130213469	Country Sub Case Type Filing Date Publication Date Patent Date	Case Number Case Application No. Publication No. Patent No.	
UCTURES FOR LARGE-AREA THIN-FILM SOLAR CELLS AND OTHER SEMICONDI	Agent Reference: M50079106	Client Reference:			Pending	ON FOR BACK CONTACT BACK JUNCTION WOLAR CELLS	Agent Reference:	Client Reference:				ON FOR BACK CONTACT BACK JUNCTION SOLAR CELLS	Client Reference: Agent Reference:	W		8828784	Agent Reference: X1V-2102  ON FOR BACK CONTACT BACK JUNCTION SOLAR CELLS	Client Reference:	W		Penc	Agent Reference: NTROL FOR SEMICONDUCTOR REACTORS	Client Reference:				Agent Reference: TURES AND MANUFACTURING METHODS	Client Reference:					. Publication No.	Transfer of the second feet and the second fee
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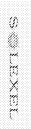
	IIIIE: MONOLI I MICALLY-IN I EGRA I EU BYPASS SWI I CH (MIBS) FOR DIS IRIBU I EU SHADE MANAGEMEN I AND ENHANCED ENERGY YIELD IN PHOTOVOLI AIC MODULES	LED SHADE MANAGEM	IICH (MIBS) FOR DIS IRIBO	EGRATED BYPASS SW	LI HICALLY-IN	<u>Irtle:</u> MONC	
		Agent Reference:				Agent Name:	<u>Ager</u>
		Ciletic Netericities.				Division Name.	Division
		Client Deference				Name:	Divisio
		Attorneys:				Owner Name: Solexel, Inc.	Owne
			17-Apr-2014	16-Oct-2013		America	United States of America
	Published		20140102531	14/055,813	ORD	0	087
	Title: MONOLITHICALLY-INTEGRATED BYPASS SWITCH (MIBS) FOR DISTRIBUTED SHADE MANAGEMENT AND ENHANCED ENERGY YIELD IN PHOTOVOLTAIC MODULES	TED SHADE MANAGEM	ITCH (MIBS) FOR DISTRIBU	EGRATED BYPASS SW	LITHICALLY-INT	Title: MONC	
		Agent Reference:				Name:	Agent Name:
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		Attorneys:				Name:Solexel Inc	Owing
			24-Apr-2014	16-Oct-2013		ion Treaty	Patent Cooperation Treaty
	Published		WO2014062850	PCT/US13/65316	ORD	0	087
	Title: STRUCTURES AND METHODS OF FORMATION OF CONTIGUOUS AND NON-CONTIGUOUS BASE REGIONS FOR HIGH EFFICIENCY BACK-CONTACT SOLAR CELLS	ON-CONTIGUOUS BASE	N OF CONTIGUOUS AND N	ETHODS OF FORMATIO	CTURES AND ME	<u>Title:</u> STRU	
		Agent Reference:				Agent Name:	<u>Ager</u>
		Client Reference:				Division Name:	Divisio
		Attorneys:				Owner Name:Solexel, Inc.	Owne
			12-Jun-2014	29-May-2013		America	United States of America
	Published		2014/0158193	13/905,113	ORD	0	084
	Title: STRUCTURES AND METHODS OF FORMATION OF CONTIGUOUS AND NON-CONTIGUOUS BASE REGIONS FOR HIGH EFFICIENCY BACK-CONTACT SOLAR CELLS	ON-CONTIGUOUS BASE	N OF CONTIGUOUS AND N	THODS OF FORMATIO	CTURES AND ME		
		Agent Reference:				Agent Name:	Ager Ager
		Attorneys:				<u>Owner Name:</u> Solexel, Inc.	<u>Owne</u>
			05-Dec-2013	29-May-2013		ion Ireaty	Patent Cooperation Treaty
	Published		WO2013181298	PCI/US13/43193	ORD		084
	Dishiri		W/O2042484208	DCT// IC19//3109	9		
	Vakamura & Partners  Agent Reference: X1V-2350  Title: STRUCTURES AND METHODS OF FORMATION OF CONTIGUOUS AND NON-CONTIGUOUS BASE REGIONS FOR HIGH EFFICIENCY BACK-CONTACT SOLAR CELLS	Agent Reference: X1V-2350 ON-CONTIGUOUS BASE REG	N OF CONTIGUOUS AND N	ETHODS OF FORMATIO	: Partners CTURES AND ME	Agent Name: Nakamura & Partners  Title: STRUCTURES	<u>Ager</u>
		Attorneys:				Owner Name: Solexel, IIIc.	Owne
Œ				28-Nov-2014		) - -	Japan
=1	Pending			XXXX	PCT	Ä	084
	Title: MANUFACTURING METHODS AND STRUCTURES FOR LARGE-AREA THIN-FILM SOLAR CELLS AND OTHER SEMICONDUCTOR DEVICES	N-FILM SOLAR CELLS A	RES FOR LARGE-AREA THI	THODS AND STRUCTU	FACTURING ME		
		Agent Reference:				Agent Name:	Ager
		Client Reference:				Division Name:	Divisio
	MK	Attorneys: JW				Owner Name: Solexel, Inc.	Owne
:M			05-Sep-2013	24-Apr-2013		America	United States of America
	Published		20130228221	13/869,928	ORD	0	082
	ate Status	Patent Date	Publication Date	Filing Date	Sub Case Type	Sub	Country
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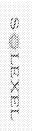


Title: EMBEDDED POWER ELECTRONICS FOR SWART PHOTOVOLTAIC MODDLES	Agent Name:	Division Name:	Owner Name: Solexel, Inc.	United States of America 14-Apr-2014	0 ORD	Title: EMBEDDED POWER ELECTRONICS FOR SMART PHOTOVOLTAIC MODULES	Agent Name:	Division Name:	Owner Name: Solexel, Inc.	Patent Cooperation Treaty 14-Apr-2014	101 0 ORD PCT/US14/34054	Title: MONOLITHICALLY ISLED BACK CONTACT BACK JUNCTION SOLAR CELLS USING BULK WAFERS	Agent Name:	Division Name:	Owner Name: Solexel, Inc.	United States of America 02-Feb-2014	093 0 ORD 14/179,526	1	Agent Name:	Division Name:	Owner Name: Solexel, Inc.	Patent Cooperation Treaty 12-Feb-2014	093 0 ORD PCT/US14/16140	AGENT NAME:  Title: MONOLITHIC ISLED (TILED) SOLAR CELL (ICELL) FO	Division Name:	Owner Name: Solexel, Inc.	United States of America 05-Nov-2013	<b>088 0 ORD</b> 14/072,759		Agent Name:	Division Name:	Owner Name: Solexel, Inc.	Patent Cooperation Treaty 05-Nov-2013	<b>088 0 ORD</b> PCT/US13/68599	Country Sub Case Type Filing Date	Case Number Case Application No.	
SVOLIAIC MODULES	Agent Reference:	Client Reference:	Attorneys: JW IP		Pending	DVOLTAIC MODULES	Agent Reference:	Client Reference:	Attorneys: JW IP	16-Oct-2014	WO2014169292 Published	ION SOLAR CELLS USING BULK WAFERS	Agent Reference:	Client Reference:	Attorneys:		Pending	ION SOLAR CELLS USING BULK WAFERS	Agent Reference:	Client Reference:	Attorneys:	21-Aug-2014	WO2014127067 Published	Agent Reference: Title: MONOLITHIC ISLED (TILED) SOLAR CELL (ICELL) FOR LOW-COST HIGH-PERFORMANCE PHOTOVOLTAICS MODULES	Client Reference:	Attorneys: JW IP	06-Nov-2014	20140326295 Published	Title: MONOLITHIC ISLED (TILED) SOLAR CELL (ICELL) FOR LOW-COST HIGH-PERFORMANCE PHOTOVOLTAICS MODULES	Agent Reference:	Client Reference:	Attorneys: JW IP	08-May-2014	WO2014071417 Published	Publication Date Patent Date Status	Publication No. Patent No.	
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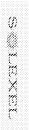


	Agent Name	<u>Division Name:</u>	Owner Nam	United States of America	103		Agent Name:	Division Name:	Owner Nam	United States of America	103	Division Name:  Agent Name:	Owner Nam	103	Agentiname	Division Name:	Owner Nam	Patent Cooperation Treaty	103	<u>Agent Name</u>	<u>Division Name:</u>	Owner Nam	United States of America	102	,	Agent Name	Division Name:	Owner Nam	Patent Cooperation Treaty	102	Country	Case Number	Wadnesday, December 17, 2014	
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	Agent Reference:  Agent Reference:  Agent Reference:			29-Apr-2014	14/265,331	Title: DAMAGE FREE LASER PATTERNING OF TRANSPARENT LAYERS FOR FORMING DOPED REGIONS ON				29-Apr-2014	14/265,351	Attoritys, or Client Reference:  Title: ANNEALING FOR DAMAGE FREE LASER PROCESSING FOR HIGH EFFICIENCY SOLAR CELLS	1	PCT/US14/35961	Agent Reterions: Title: DAMAGE FREE LASER PATTERNING OF TRANSPARENT LAYERS FOR FORMING DOPED REGIONS ON			29-Apr-2014	PCT/US14/35965	Title: Bus-bars and Metal 2 Exclusions for 2-level Metallized Solar Cells			23-Apr-2014	14/260,272	<u>Title:</u> Bus-bars and Metal 2 Exclusions for 2-level Metallized Solar Cells				23-Apr-2014	PCT/US14/35209	Filing Date	Application No.		
	SING FOR HIGH EFFICIEN					ARENT LAYERS FOR FOR						SING FOR HIGH EFFICIEN		WO2014179366	ARENT LAYERS FOR FOR			06-Nov-2014	WO2014179368										30-Oct-2014	WO2014176380	<b>Publication Date</b>	Publication No.	Patent List	
	Agent Reference: NCY SOLAR CELLS	Client Reference:	Attorneys: JW			MING DOPED REGIONS	Agent Reference:	Client Reference:	Attorneys: JW			Autorineys: Wind Autorineys: Wind Autorineys: Olient Reference:  Agent Reference: NCY SOLAR CELLS	Attorneys: .IW		Agent Reference: MING DOPED REGIONS	Client Reference:	Attorneys: JW			Agent Reference:	Client Reference:	Attorneys: JW				Agent Reference:	Client Reference:	Attorneys: JW			Patent Date	Patent No.	Patent List/Status (by Case Number	
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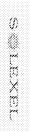




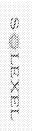
Title: DAMAGE FREE LASER PATTERNING OF ALUMINUM OXIDE FOR SOLAR CELL APPLICATIONS	Agent Name:  Agent Name:  Agent Name:  Agent Name:  Agent Reference:	Owner Name: Solexel, Inc.  Attorneys: JW IP	Patent Cooperation Treaty 16-Sep-2014	ORD	DOTALICALIFEORA	Title:Contiguous-Backplane-Attached Photovoltaic Module Structures and Manufactur	<u>Division Name:</u> Client Reference:	Owner Name: Solexel, Inc.  Attorneys: JW IP	02-Sep-2014	114 0 ORD 14/475,566 Pending	Title: Contiguous-Backplane-Attached Photovoltaic Module Structures and Manufacturing Methods Using Monolithic Cell-Level and Module-Level Metallization	Agent Name: Agent Reference:	Owner Name: Solexel, Inc.  Attorneys: JW IP	Patent Cooperation Treaty 02-Sep-2014	0 ORD	<u>Title</u> :Flexible Backplane Materials	<u>Division Name:</u>	Owner Name: Solexel, Inc.  Attorneys: JW IP	Patent Cooperation Treaty 30-Jul-2014	112 0 ORD PCT/US14/48989 Pending	Title: THIN FILM SOLAR CELL LAMINATION STACK FOR HIGH VOLUME MANUFACTURING	Soliaker, III.C.	00-041-E01-T	od States of America	108 0 ORD 14/326,461 Pending	Agent Name:  Title: THIN FILM SOLAR CELL LAMINATION STACK FOR HIGH VOLUME MANUFACTURING	Owner Name: Solexel, Inc.  Attorneys: JW IP		0 ORD	Country Sub Case Type Filing Date Publication Date Patent Date Status	Case Number Case Application No. Publication No. Patent No.	i missiri Francoustrat for a construction of the construction of t	Wednesday, December 17, 2014
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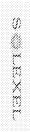
		ILS	Title: DIELEC I RIC-PASSIVATED METAL INSULATOR PHOTOVOLTAIC SOLAR CELLS	ED METAL INSULATOR P	CIRIC-PASSIVAI	Title: DIELE	
		Agent Reference:				Agent Name:	
		Client Reference:				Division Name:	
	WL	Attorneys: IP			•	Owner Name: Solexel, Inc.	
				11-Nov-2014		United States of America	United
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		ILLS	Title: DIELECTRIC-PASSIVATED METAL INSULATOR PHOTOVOLTAIC SOLAR CELLS	ED METAL INSULATOR P	CTRIC-PASSIVAT		1
		Agent Reference				Agent Name:	
		Client Reference:				Division Name:	
	WL	Attorneys: IP				Owner Name: Solexel, Inc.	
				11-Nov-2014		Patent Cooperation Treaty	Patent
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		CATION METHODS	Title: PHOTOVOLTAIC MONOLITHIC SOLAR MODULE CONNECTION AND FABRICATION METHODS	LITHIC SOLAR MODULE (	OVOLTAIC MONO		· · · · · · · · · · · · · · · · · · ·
		Agent Reference:				Agent Name:	
		Client Reference:				Division Name:	
	₽	Attorneys: JW				Owner Name: Solexel, Inc.	
				24-Sep-2014		United States of America	United
Pending				14/495,883	ORD	0	117
			OLAR CELLS	Title: FABRICATION METHODS FOR BACK CONTACT SOLAR CELLS	ICATION METHOD		
		Agent Reference:				Agent Name:	
		Client Reference:				Division Name:	
	₽	Attorneys: JW				Owner Name: Solexel, Inc.	
				22-Sep-2014		United States of America	United
Pending				14/493,335	ORD	_	116
	RCELLS	Agent Reference: ACK JUNCTION SOLA	Agent Reference: Title: FABRICATION METHODS FOR MONOLITHICALLY ISLED BACK CONTACT BACK JUNCTION SOLAR CEL	S FOR MONOLITHICALLY	ICATION METHOD	<u>Agelit Name:</u> <u>Title:</u> FABRI	1 1 1 1
		Client Reference:				Division Name:	
	₽	Attorneys: JW				Owner Name: Solexel, Inc.	
				22-Sep-2014		United States of America	United
Pending				14/493,341	ORD	0	116
		ELL APPLICATIONS	Title: DAMAGE FREE LASER PATTERNING OF ALUMINUM OXIDE FOR SOLAR CELL APPLICATIONS	PATTERNING OF ALUMIN	GE FREE LASER	<u>Title:</u> DAMA	
		Agent Deference:				Agent Name:	
	₹	Attorneys: JW			•	Owner Name: Solexel, Inc.	
	i			16-Sep-2014		United States of America	United
Pending				14/488,263	ORD	0	115
Status		Patent Date	Publication Date	Filing Date	Sub Case Type		Country
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Page 40 of 46	se Number	VStatus (by Case N	Patent List/Status			Wednesday, December 17, 2014	Wedne



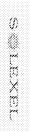
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		Client Reference:				Division Name:
	₽	Attorneys: JW				Owner Name: Solexel, Inc.
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			Title: Insulator and Wide Bandgap Semiconductor Based Passivated Contacts	dgap Semiconductor Ba	tor and Wide Ban	<u>Title</u> :Insula
		Agent Reference:				Agent Name:
		Client Reference:				<u>Division Name:</u>
	P	Attorneys: JW			,,	Owner Name: Solexel, Inc.
				02-Dec-2014		Patent Cooperation Treaty
Pending	Per			PCT/US14/68242	ORD	124 0
			ion Solar Cells	Title: Al2O3 Passivation for Back Contact Back Junction Solar Cells	Passivation for E	
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	₽	Attorneys: JW				Owner Name: Solexel, Inc.
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			ion Solar Cells	Title: Al2O3 Passivation for Back Contact Back Junction Solar Cells	Passivation for E	
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	₽	Attorneys: JW				Owner Name: Solexel, Inc.
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			Title: Metal Foil Metallization for Backplane-Attached Solar Cells and Modules	for Backplane-Attached	Foil Metallization	
		Agent Reference:				Agent Name:
		Client Reference:				Division Name:
	₽	Attornevs: JW			,,	Owner Name:Solexel, Inc.
				12-Nov-2014		United States of America
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T			Title: Metal Foil Metallization for Backplane-Attached Solar Cells and Modules	for Backplane-Attached	Foil Metallization	
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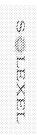
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gn-Conductivity						URING PROCE					ng Discontinuo					IGNED CONT					Contact Back J					Title: Insulator and Wide Bandgap Semiconductor Based Passivated Contacts					Publication Date	Publication No.	rate:	J
Inte: High-Emiciency Backplane-Attached solar Cells Using High-Conductivity Metal-Foli Metalization	Agent	Client				Title: TRENCH ISOLATION STRUCTURES AND MANUFACTURING PROCESS METHODS FOR MONOLITHICALI	Cllent	<u>)</u> :			Agent Reference: Title: Structures and Methods for Back-Contact Solar Cells Using Discontinuous Emitter and Base Islands	Client				Agent Reference: Title:STRUCTURES AND METHODS OF FORMING SELF ALIGNED CONTACTS FOR HIGH EFFICIENCY BACK	Client				$rac{AgentRei}{Title:}$ Amorphous Silicon Passivated (ASP) Contacts for Back Contact Back Junction Solar Cells	Client					\ Client	<u>!</u>			า Date	No.	ratell Lisuotatus	
allization	Agent Reference:	Client Reference:	Attorneys: JW			HODS FOR MONOL	Client Reference:	Attorneys: JW			er and Base Islands	Client Reference:	Attorneys: JW			Agent Reference: DR HIGH EFFICIENC	Client Reference:	Attorneys: JW			Agent Reference: olar Cells	Client Reference:	Attorneys: JW			<u> </u>	Agent Reference:	Attorneys: JVV			Patent Date	Patent No.	ius (py c	; ; ;
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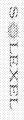
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		Agent Reference:	<b>₽</b>			Agent Name	Ane
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	N	Attorneys: IP JW				Owner Name: Solexel, Inc.	Own
				04-Aug-2014		of America	United States of America
	Pending			62/033,091	PRO	P	136
			al Anneal for Solar Cells	Title: Front Passivation Stabilization Using Photo-Chemical Anneal for Solar Cells	assivation Stabiliz	<u>Title:</u> Front P	
		Agent Reference:				Agent Name:	Age
		Client Reference:	lΩ			<u>Division Name:</u>	Division
	N	Attorneys: IP JW				Owner Name: Solexel, Inc.	Own
				01-Aug-2014		of America	United States of America
	Pending			62/032,414	PRO	ס	135
				Title: Monolithic Module Cell to Cell Interconnection for Improved Fault Tolerance	hic Module Cell to		
		Agent Reference:	<u></u> ≱ 1			Agent Name:	Age
			Ω			Division Name:	Divisio
		Attorneys: JW IP				er Name:Solexel Inc	Q
				11-Jun-2014		of America	United States of America
	Pending			62/010,980	PRO	ס	134
				Title: Al2O3 Passivation for Back Contact Back Junction Solar Cells	Passivation for Ba		
		Agent Reference:	Δı			Agent Name:	<u>Age</u>
		Client Reference:	Ω			<u>Division Name:</u>	<u>Divisi</u>
		Attorneys: JW IP				Owner Name: Solexel, Inc.	<u>Own</u>
				26-Feb-2014		of America	United States of America
	Pending			61/945,126	PRO	٦	133
rs.	CONTACTED SOLAR CELLS	HIGH EFFICIENCY BACK	$\overline{ ext{Title}}$ . STRUCTURES AND METHODS OF FORMING SELF ALIGNED CONTACTS FOR HIGH EFFICIENCY BACK	THODS OF FORMING SE	TURES AND ME		
		Agent Reference:	<u>A</u>				Age
			Ω			Division Name:	Divisio
	N	Attorneys: IP JW				Owner Name:Solexel, Inc.	Own
				26-Feb-2014		of America	United States of America
	Pending			61/954,116	PRO	ס	132
TI		Aleir Veletellerer	<u>Title:</u> Smart Photovoltaic Modules Using Embedded Distributed MPPT Power Optimizers	les Using Embedded Distr	⊃hotovoltaic Modu	<u>Title:</u> Smart F	) H
<b>2</b> 4		Client Reference:	<u>}</u>   <u>C</u>			Agest Name:	DIVISION
,D	N	Attorneys: IP JVV	!			Owner Name: Solexel, Inc.	Own
Εľ						: -	
VI.	,			22-Feb-2014		of America	United States of America
<b>~</b> F	Pending			61/943,332	PRO	P	131
RK	Status	Patent Date	Publication Date	Filing Date	Case Type	Sub Case	Country
		Patent No.	Publication No.	Application No.	Case		Case Number
Hage 44 or 45	umber)	Patent List/Status (by Case Number	Patent Lisutt			vrednasoay, becomper 1;, zui4	<b>хувапе</b> заау, Б



			Modules	Title: In-Line Test and Sort for Photovoltaic Monolithic Modules	Test and Sort for	Title: In-Line	
		Agent Reference:					Agent Name
		Client Reference:				ne:	Division Name:
	IP	Attorneys: JW				Owner Name:Solexel, Inc.	Owner Na
				07-Nov-2014		erica	United States of America
	Pending			62077150	PRO	ס	142
				Title: Multiple Metal 1 Busbar Solutions For Solar Cells	e Metal 1 Busbar	Title:Multipl	
		Agent Reference:				•	Agent Name:
		Client Reference:				ne:	<u>Division Name:</u>
	W	Attorneys: IP				Owner Name:Solexel, Inc.	Owner Na
				02-Sep-2014		erica	United States of America
	Pending			62/044,997	PRO	ס	141
	ction Solar Cells	cy Back Contacted Back Jun	Title: Laser Doping Based Efficient Manufacturing Methods for Making High Efficiency Back Contacted Back Junction	cient Manufacturing Met	Doping Based Effi	<u>Title:</u> Laser	
		Agent Reference:					Agent Name:
		Client Reference:				ne:	<u>Division Name:</u>
	Mr	Attorneys: IP				Owner Name:Solexel, Inc.	Owner Na
				31-Aug-2014		erica	United States of America
	Pending			62/044,312	PRO	ъ	140
			ation	Title: Macro Isled Cell and Monolithic Module Metallization	Isled Cell and Mo	Title:Macro	
		Agent Reference:					Agent Name:
		Client Reference:				ne:	<u>Division Name:</u>
	WL	Attorneys: IP				Owner Name:Solexel, Inc.	Owner Na
				18-Aug-2014		erica	United States of America
	Pending			62/038,787	PRO	P	139
		Agent Reference:	Cell Architecture	Title:Rear Wide Band Gap Passivated (RGP) PERC Cell Architecture	Vide Band Gap Pa		Agent Name:
		Client Reference:				ne:	Division Name:
D	JW	Attorneys: IP				Owner Name:Solexel, Inc.	Owner Na
				13-Aug-2014		erica	United States of America
= 1	Pending			62/037,094	PRO	ס	138
	ND METHODS	LAR CELL STRUCTURES A	Title: AMORPHOUS SILICON BASED LASER DOPED HIGH PERFORMANCE SOLAR CELL STRUCTURES AND METHODS	BASED LASER DOPE	PHOUS SILICON		ł
		Agent Reference:				ne:	Agent Name:
		Client Reference:				ne:	Division Name:
	WL	Attorneys: IP				Owner Name: Solexel, Inc.	Owner Na
:M				12-Aug-2014		erica	United States of America
	Pending			62/036,609	PRO	ס	137
	Status	Patent Date	Publication Date	Filing Date	Sub Case Type	Sub	Country
		Patent No.	Publication No.	Application No.	Case		Case Number
Page 44 of 45	Number)	Patent List/Status (by Case Number	Patent Li			ber 17, 2014	wednesday, December 17, 2914



of Americ er Name: nt					JS	<u>Title:</u> ANODIZING APPARATUS	<u>Title:</u> ANODIZI	
Case   Application No.   Publication No.   Patent No.		4-1US	Agent Reference: P11-44			nt Office	<u>ame:</u> Sugitani Paten	Agent N
Case   Application No.			Client Reference:				ame:	Division N
Case   Application No.   Publication No.   Patent Date   PRO   62077878     PRO   62077878		₽	Attorneys: JW				<u>ame:</u> Solexel, Inc.	Owner N
Case   Application No.				07-Jun-2012	02-Dec-2011		merica	United States of A
Case   Application No.   Publication No.   Patent Liss/Distatus (by Case Number)	lowed	,		20120138455	13/310,083	ORD	_	JD Dainippon
Case   Application No.   Publication No.   Patent No.		WAFER	Agent Reference:  AND A SEMICONDUCTOR	STEM HAVING THE SAME,	JS, AN ANODIZING SY	ING APPARATU		<u>Agent N</u>
Case   Application No.   Publication No.   Patent No.			Client Reference:				ame:	<u>DIVISION N</u>
Case   Application No.   Publication No.   Patent Date   Patent Reference:   Agent Reference:   Age		₽	Attorneys: JW				<u>ame:</u> Solexel, Inc.	Owner N
Case   Application No.   Publication No.   Patent Liss Distatus (by Case Number)				10-Jun-2011	30-Nov-2011			Japan
Case   Application No.   Publication No.   Patent No.	ublished	_		2013112880	20110262421	ORD	2	JD Dainippon
Case Application No. Publication No. Patent List Vistatus (by Case Number)  List Vistatus (by Case Number)  Dizer Type Filing Date Publication Date Patent No.  Patent No. Patent No. Patent No.  Publication No. Patent No. Patent No.  Altomeys: JW IP Client Reference:  Agent Reference:						ING APPARATU		
Case Application No. Publication No. Patent No.  Do Case Type Filing Date Publication Date Publication Date Patent No.  PRO 62077878 10-Nov-2014  Attorneys: JW IP Client Reference: A ORD 20121505374 10-Nov-2011  ORD 20121505374 10-Nov-2011  ORD 20121505374 103132121 30-Nov-2011  ORD 20100259416 2012119570 02-Dec-2010 21-Jun-2012 Attorneys: JW IP Client Reference: Agent Referenc			Agent Reference:				ame:	Agent N
Case   Application No.   Publication No.   Patent List Status (by Case Number)		₽	Attorneys: JW				<u>ame:</u> Solexel, Inc. ame:	Owner N
Case Application No. Publication No. Patent List/Status (by Case Number)  Ib Case Type Filing Date Publication Date Patent Date  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference: Agent Reference: A				21-Jun-2012	02-Dec-2010			Japan
Case Application No. Publication No. Patent No.  ID-Nov-2014  ID-Nov-2014  Attorneys: JW IP  Client Reference: A ORD 2012/505374  ORD 2012/059416  A ORD 2010269416  2012/19570  02-Dec-2010  DIZING APPARATUS	ublished	T		2012119571	20100269417	ORD	1B	JD Dainippon
Case Application No. Publication No. Patent No.  PRO 62077878 10-Nov-2014  nc. Patent Date Publication Date Patent Date PRO 62077878 10-Nov-2011  nc. Client Reference:  A ORD 2012/505374  A ORD 20100269416 2012/19570 02-Dec-2010  A ORD 20100269416 2012Jun-2012  Agent Reference:						ING APPARATU		
Case Application No. Publication No. Patent List/Stratus (by Case Number)  Lib Case Type Filing Date Publication Date Patent No.  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference: Agent Reference: Attorneys: JW IP Client Reference: Attorneys: JW IP Client Reference:			Agent Reference:				ame:	Agent N
Patent LisuStatus (by Case Number)  Case   Type   Filing Date   Publication Date   Patent No.  PRO 62077878  10-Nov-2014   Attorneys: JW   IP  Client Reference: A ORD 20121S05374   103132121 30-Nov-2011   05-Jun-2013   Attorneys: JW   IP  Client Reference: Agent Reference: Agen			Client Reference:				ame:	Division N
Case Application No. Publication No. Patent List/Status (by Case Number)  Lib Case Type Filing Date Publication Date Patent Date  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference: Agent Reference: Agent Reference:  Agent Reference:		₽	Attorneys: JW				<u>ame:</u> Solexel, Inc.	Owner N
Case Application No. Publication No. Patent LISUSTATUS (Dy Case Number)  LISUSTATUS (Dy Case Number)  Case Type Filing Date Publication Date Patent No.  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference: Agent Reference:				21-Jun-2012	02-Dec-2010			Japan
Case Application No. Publication No. Patent List/Status (by Case Number)  Lib Case Type Filing Date Publication Date Patent Date  PRO 62077878  10-Nov-2014  nc. Client Reference: Agent Referenc	ublished	F		2012119570	20100269416	ORD	1A	JD Dainippon
Case Application No. Publication No. Patent Lisusiatus (by Case Mumber)  Lisus (by Case Mumber)  Case Type Filling Date Publication No. Patent No.  PRO 62077878  10-Nov-2014  Attomeys: JW IP  Client Reference: Agent Reference:  Agent Reference: Agent Reference:  ORD 20121505374  30-Nov-2011  05-Jun-2013  Attomeys: JW IP  Client Reference:		WAFER	Agent Kererence: AND A SEMICONDUCTOR	STEM HAVING THE SAME,	JS, AN ANODIZING SY	ING APPARATU		Agentin
Case Application No. Publication No. Patent List/Status (by Case Mumber)  List/Status (by Case Mumber)  Case Application No. Publication No. Patent No.  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference: Agent Reference:  ORD 20121505374  103132121  30-Nov-2011  OS-Jun-2013  Attorneys: JW IP			Client Reference:				ame:	Division N
Case Application No. Publication No. Patent No.  pro 62077878 10-Nov-2014  nc. Attorneys: JW IP Client Reference: Agent Age		₽	Attorneys: JW				<u>ame:</u> Solexel, Inc.	Owner N
Case Application No. Publication No. Patent List/Status (by Case Mumber)  List/Status (by Case Mumber)  Case Application No. Publication No. Patent No.  PRO 62077878  10-Nov-2014  Attomeys: JW IP  Client Reference: Agent Reference:  Agent Reference: Agent Reference:				05-Jun-2013	30-Nov-2011		epublic)	China (People's R
Case Application No. Publication No. Patent List/Status (by Case Number)  List/Status (by Case Number)  Case Application No. Publication No. Patent No.  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference:  Agent Reference:  Agent Reference:	ublished	F		103132121	20121505374	ORD	2	JD Dainippon
Case Application No. Publication No. Patent LisuStatus (by Case Number)  LisuStatus (by Case Number)  Case Application No. Publication No. Patent No.  PRO 62077878  10-Nov-2014  Attorneys: JW IP  Client Reference: Agent Reference:					ight Module Design	Resistant Lightwe		
Case Application No. Publication No. Patent List/Status (by Case Number)  List/Status (by Case Number)  Case Application No. Patent No.  PRO 62077878  10-Nov-2014  Attomeys: JW IP  Client Reference:			Agent Reference:				ame:	Agent N
Case Application No. Publication No. Patent List/Status (by Case Number)  Case Application No. Publication No. Patent No.  PRO Filing Date Publication Date Patent Date  PRO 62077878  10-Nov-2014  Attomeys: JW IP			Client Reference:				ame:	<u>Division N</u>
Case Application No. Publication No. Patent List/Status (by Case Number)  List/Status (by Case Number)  Case Application No. Patent No.  Pro Filing Date Publication Date Patent Date  PRO 62077878  10-Nov-2014		₽	Attorneys: JW				<u>ame:</u> Solexel, Inc.	Owner N
Case Application No. Publication No. Patent LisuStatus (by Case Number)  LisuStatus (by Case Number)  Patent LisuStatus (by Case Number)  Patent LisuStatus (by Case Number)					10-Nov-2014		merica	United States of A
Patent List/Status (by Case Number)  Case Application No. Publication No. Patent No.  ub Case Type Filing Date Publication Date Patent Date	ending	F			62077878	PRO	ס	143
Patent List/Status (by Case N  Case Application No. Publication No. Patent No.	tatus	"		Publication Date	Filing Date		Sub Ca	Country
Patent List Status (by Case N			Patent No.	Publication No.	Application No.	Case		Case Number
		e Number)	ispsiaius (by cas	Patent L				

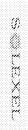


CHAIR LANGUING.		Agent Reference:  ANODIZING ARRADATION AN ANODIZING SYSTEM HAVING THE SAME AND A SEMICONDUCTOR WASEED	Agent Name:
Client Reference:			<u>Division Name:</u>
Attorneys: JW IP		l, Inc.	Owner Name: Solexel, Inc.
20-Jun-2013	29-Nov-2012		United States of America
20130154061 Published	13/688,645	2 ORD	JD Dainippon
Publication Date Patent Date Status	Filing Date	Sub Case Type	Country
Publication No. Patent No.	Application No.	Case	Case Number

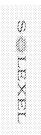
## Schedule B to the IP Security Agreement

## **TRADEMARKS**

(See Attached)



Wadnesday, December 17: 2014		Patent List/Statu	Patent List/Status (by Case Number)	Page 1 of 2	
Case Number Case	Application No.	Publication No.	Patent No.		
Country Sub Case Type	Filing Date	Publication Date	Patent Date	Status	ΚK
TM FLXSMT TMK	85802380			Pending	Al
United States of America	13-Dec-2012				: IVI :
Owner Name: Solexel, Inc.		Þ	Attorneys:		UE OC
Division Name:		Client Re	Client Reference:		KA Ea
<u>Agent Name:</u> <u>Title:</u> FLEXSMART, word mark		<u>Agent Reference:</u>	<u>eference:</u>		TF
TM ICELL TMK	85802388			Pending	
United States of America	13-Dec-2012				
Owner Name: Solexel, Inc.		Þ	Attorneys:		
Division Name:		Client Reference:	sference:		
Title: ICELL, word mark		None in	Agent Reference.		
TM SOLT CA TMK	1699536			Pending	
Canada	24-Oct-2014				
Owner Name: Solexel, Inc.		A	Attorneys:		
Division Name:		Client Reference:	<u>sference:</u>		
Agencianne. <u>Title:</u> SOLEXEL, word mark		Agenica	Agent Reference:		
TM SOLT CN1 TMK	6706659		6706659	Registered	
China (People's Republic)	07-May-2008		06-Dec-2014		
Owner Name: Solexel, Inc.		Þ	Attorneys:		
<u>Division Name:</u> Agent Name:		Client Re	Client Reference: Agent Reference:		
<u>Title:</u> SOLEXEL, word mark					
TM SOLT CN2 TMK	6706660		6706660	Registered	
China (People's Republic)	07-May-2008		07-Sep-2010		
Owner Name: Solexel, Inc.		Þ	Attorneys:		
Division Name:		Client Re	Client Reference:		
$rac{AgentName:}{Title:}SOLEXEL$ , word mark		Agent R	Agent Reference:		
TM SOLT EU TMK	006871412		006871412	Registered	
European Patent Convention	28-Apr-2008		02-Apr-2009		
Owner Name: Solexel, Inc.		Þ	Attorneys:		
<u>Division Name:</u>		Client Reference:	erence:		
Agent Name:  Title-SOI EXEL word mark		Agent Reference:	<u>sference:</u>		
					1



1 Inter-	Title: SOLEXEL, word mark			Owner Name: Solexel, Inc. Attorneys:	United States of America 21-Nov-2007	TM SOLT US TMK 77335628 4218007	Intersociate, word mark	Agent Name:  Agent Reference:  Agent Reference:		Owner Name: Solexel, Inc.	<b>Switzerland</b> 28-Apr-2008 21-Nov-2008	SW TMK 555062008	IIIIe: OCENEL, word Hain	Agent Name:  Agent		Solexer, III.C.	Sclavel Inc	public of 01-Jul-2008	TM SOLT KR TMK 4520080002834 450029060	Title: SOLEXEL, word mark		<u>Client F</u>	Owner Name: Solexel, Inc. Attorneys:	Japan         13-May-2008         11-Jul-2008	<b>TM SOLT</b> JP <b>TMK</b> 2008036575 5150159	Title: SOLEXEL, word mark		Client F	Owner Name: Solexel, Inc. Attorneys:	India 30-Apr-2008 31-Mar-2010	TM SOLT IN TMK 1682328 1682328	Title: SOLEXEL, word mark		Client F	Owner Name: Solexel, Inc. Attorneys:	<b>Hong Kong</b> 30-Apr-2008 30-Apr-2008	TM SOLT HK TMK 301107080 301107080	Country Sub Case Type Filing Date Publication Date Patent Date	Case Number Case Application No. Publication No. Patent No.	
	elit Releielice.	elit Aeie elice.	ent Reference	Attorneys:		4218007 Registered		ent Reference:	lent Reference:	Attorneys:	21-Nov-2008	579444 Registered		elit Kelerelice.	ell Relevator	Attorneys:	Allering	Ø	450029060 Registered		ent Reference:	ient Reference:	Attorneys:	11-Jul-2008	5150159 Registered		ent Reference:	ent Reference:		31-Mar-2010	Registered	T)	R.A	1	DΕ	30-Apr-2008	Registered AF	Status		

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ΙP	Security	y Ag	re	em	ent

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None.

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**RECORDED: 10/30/2016** 

SCHEDULE C TO THE INTELLECTUAL PROPERTY AGREEMENT

TRADEMARK REEL: 005909 FRAME: 0552