502642874 01/20/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2689482

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIASOLE	01/09/2014

RECEIVING PARTY DATA

Name:	HANERGY HOLDING GROUP LTD.
Street Address:	NO. 0-A, ANLI ROAD
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA

PROPERTY NUMBERS Total: 87

Property Type	Number
Patent Number:	8228088
Patent Number:	8251576
Patent Number:	6974976
Patent Number:	7544884
Patent Number:	8115095
Patent Number:	7838763
Patent Number:	8618410
Patent Number:	7897020
Patent Number:	8134069
Patent Number:	8313976
Patent Number:	8058752
Patent Number:	8110738
Patent Number:	8389321
Patent Number:	7785921
Patent Number:	8004232
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Patent Number:	8399286
Patent Number:	8342229
Patent Number:	8017976
Patent Number:	7927912
Patent Number:	8076174
Patent Number:	7935558
Patent Number:	8338214
Patent Number:	8048707
Patent Number:	6231732
Application Number:	11451616
Application Number:	11451604
Application Number:	11812515
Application Number:	14104203
Application Number:	12379196
Application Number:	13251333
Application Number:	12888963
Application Number:	12907783
Application Number:	12907670
Application Number:	12907169
Application Number:	12461053
Application Number:	12654808
Application Number:	13006098
Application Number:	13334296
Application Number:	12733257
Application Number:	12938656
Application Number:	12824605
Application Number:	12824662
Application Number:	13247187
Application Number:	13038611
Application Number:	13085838
Application Number:	12907762
Application Number:	13019671
Application Number:	13670804
Application Number:	13173407
Application Number:	13720238
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REEL: 032092 FRAME: 0695

	13525593
Application Number:	13323241
Application Number:	13243005
Application Number:	13159570
Application Number:	13269771
Application Number:	13277441
Application Number:	13091989
Application Number:	13355565
Application Number:	13529317
Application Number:	61397712
Application Number:	61272681
Application Number:	61272680
Application Number:	61272679
Application Number:	61282214
Application Number:	61282297
Application Number:	61274131
Application Number:	61557010
Application Number:	61561981
Application Number:	61578504
PCT Number:	US2011056637
PCT Number:	US2011044257
PCT Number:	US2011040894
PCT Number:	US2008008512
PCT Number:	US2008013570
PCT Number:	US2011020048
PCT Number:	US2010023756
PCT Number:	US2010023766
PCT Number:	US2010024406
PCT Number:	US2010027291
PCT Number:	US2011046277
PCT Number:	US2010030454
PCT Number:	US2010030456
PCT Number:	US2010030458
PCT Number:	US2010036039
PCT Number:	US2011056689
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PATENT "
REEL: 032092 FRAME: 0696

	US2011056704
PCT Number:	US2009035486

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	7512-PAT
NAME OF SUBMITTER:	PATRICK MCCONVILLE
Signature:	/pmcconville/
Date:	01/20/2014

Total Attachments: 9

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ASSIGNMENT AND AGREEMENT

WHEREAS. MiaSolé, having its principal place of business at 2590 Walsh Ave.. Santa Clara, CA 95051 (hereinafter referred to singularly and collectively as "ASSIGNOR"), states that it owns the entire right, title and interest in the inventions described and/or claimed in the patents and applications listed on the attached Schedule A

WHEREAS, Hancry Holding Group Ltd., having its principal place of business at No. 0-A. Anli Road, Chaoyang District, Beijing, (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the invention or inventions identified in the attached Schedule A, (b) the Letters Patents for invention or inventions identified in the attached Schedule A and all other applications for Letters Patent of the United States and countries foreign thereto for the invention or inventions identified in the attached Schedule A, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions. continuations, reissues, and extensions of said applications and Letters Patent, and (c) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (b) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY GRANTS to the law firm of The Marbury Law Group PL1.C the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of The Marbury Law Group PLLC do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNILL: since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

The undersigned is authorized to act or	a behalf of the ASSIGNOIS(IMASOR):
Date: Jahuary 9, 2014	By: Name: Jeffrey Zhou. Title: Chief Executive Officer
Date: $\frac{1/9/2014}{1-9-14}$	Witness Lutter M. Keine
Date: 1 - 9 - 14	Witness:
The undersigned is authorized to act o Group Ltd.):	n behalf of the ASSIGNEE (Hanergy Holding
Date:	By: Name: Title:
Date:	Witness:
Data	Witness

atent/ pplication lumber	Country	Filing Date Grant Date	Title	Attorney Docket Number	Status
			Automated Solar Module Testing		GRANTED
,228,088	US	24-Jul-2012			CDANTED
3,251,576	US	28-Aug-2012	Cold Lift-Off Test for Strenght of Film Stack Subjected to Thermal Loading		GRANTED
	110	13-Dec-2005	Thin-Film Solar Cells	7512-116	GRANTED
5,974,976 	US		Manufacturing Apparatus and Method for Large-Scale	7512-117DIV	GRANTED
7,544,884	US	09-Jun-2009	Production of Thin-Film Solar Cells Protective Layer for Large-Scale Production of Thin-Film Solar		GRANTED
8,115,095	US	14-Feb-2012	Calle	7512-139	OD LATED
	US	23-Nov-2010	Manufacturing Method for Large-Scale Production of Thin-	7512-140/C	GRANTED
7,838,763 ——————			Film Solar Cells Manufacturing Apparatus and Method for Large-Scale	7512-140/DV1C	GRANTED
8,618,410	US	31-Dec-2013	Production of Thin-Film Solar Cells		GRANTED
7,897,020	US	01-Mar-2011	Method for Alkali Doping of Thin Film Photovoltaic Materials	7512-143	GRANTED
8,134,069	US	13-Mar-2012	Method and Apparatus for Controllable Sodium Delivery for Thin Film Photovoltaic Materials	7512-144	
0,134,007			Method and Apparatus for Controllable Sodium Delivery for	7512-144/DIV	GRANTED
8,313,976	US	20-Nov-2012	Thin Film Photovoltaic Materials Thin-Film Photovoltaic Power Element with Integrated Low-	7512-147	GRANTED
8,058,752	US	15-Nov-2011	Des file High-Efficiency DC-DC Converter		GRANTED
8,110,738	US	07-Feb-2012	Protective Layer for Large-Scale Production of Thin-Film Solar Cells		
	110	05-Mar-2013	Protective Layer for Large-Scale Production of Thin-Film Solar	7512-148/DIV	GRANTED
8,389,321	US		Cons	7512-150	GRANTED
7,785,921	US	31-Aug-2010	Barrier for Doped Molybdenum Targets Method of Battery Charging and Power Control in Conjunction		GRANTED
8,004,232	US	23-Aug-2011	Method of Battery Charging and Power Control in Conjunction with Maximum Power Point Tracking	7512-151	GRANTED
	US	19-Mar-2013	D 1 1 Mashed of Making Thereof	7512-154	
8,399,286			A CIC Toward by Die Casting	7512-157	GRANTED
8,342,229	US	01-Jan-2013	Towards	7512-191/DIV	GRANTED
8,017,976	US	13-Sep-2011	Barrier for Doped Molyodehant Targets Method of Forming a Sputtering Target	7512-192/C	GRANTED

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Patent/ Application Number		Filing Date Grant Date	Title	Attorney Docket Number	Status
MILLONI					GRANTED
076 174	US	13-Dec-2011	Method of Forming a Sputtering Target	7512-192/C2	GRANTED
3,076,174 7,935,558	US	03-May-	Sodium Salt Containing CIG Targets, Methods of Making and Methods of Use Thereof	7512-195	GRANTED
8,338,214	US	2011 25-Dec-2012	Sodium Salt Containing CIG Targets, Methods of Making and Methods of Use Thereof	7512-195/C	GRANTED
8,048,707	US	01-Nov-2011	Sulfur Salt Containing CIG Targets, Methods of Making and	7512-198	GRANTED
ZL03825443.3	China PR	19-Aug-2009	Manufacturing Apparatus and Method for Large-Scale Production of Thin-Film Solar Cells	7512-120CN	GRANTED
ZL200910126433.0		23-May-	Manufacturing Apparatus and Method for Large-Scale Production of Thin-Film Solar Cells	7512-149CN	GRANTED
NI-250658	Taiwan	01-Mar-2006	Manufacturing Apparatus and Method for Large-Scale	7512-118TW	GRANTED
1868250	Europe	25-Jan-2012	Photovoltaic Module with Integrated Current Collection and	7512-123EP	GRANTED
1868250	France	25-Jan-2012	Photovoltaic Module with Integrated Current Collection and	7512-123FR	GRANTED
1868250	Germany	25-Jan-2012	Photovoltaic Module with Integrated Current Collection and Interconnection	7512-123DE	GRANTED
1868250	Italy	25-Jan-2012	Photovoltaic Module with Integrated Current Collection and Interconnection	7512-123IT	GRANTED
1868250	UK	25-Jan-2012	Photovoltaic Module with Integrated Current Collection and Interconnection	7512-123GB	GRANTED
21 2008 000 087.3	_	12-Aug-2010	Photovoltaic Devices Protected From Environment	7512-142DE	GRANTED
10-1179443	S. Korea		Protective Layer for Large-Scale Production of Thin-Film Solar	7512-171KR	GRANTED
175978	Singapor		Method and Apparatus for Controllable Sodium Delivery for	7512-184SG	GRANTED
11/451,616	US	13-Jun-2006	Photovoltaic Module with Integrated Current Collection and	7512-102	PENDING
11/451,604	US	13-Jun-2006	Photovolatic Module with Insulating Interconnect Carrier	7512-106	PENDING
11/812,515	US	19-Jun-2007	Photovoltaic Module Utilizing an Integrated Flex Circuit and	7512-109	PENDING

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Patent/ Application Number	Country	Filing Date Grant Date	Title	Attorney Docket Number	Status
1			Life I Coul area Scolo		PENDING
404202	US	12-Dec-2013	Manufacturing Apparatus and Method for Large-Scale	7512-140/DC2	
4/104,203	US	12-200 2015	Production of Thin-Film Solar Cells Thin-Film Photovoltaic Power System with Integrated Low-	### 14/	PENDING
12/379,196	US	13-Feb-2009	Profile High-Efficiency Inverter	7512-146	
		 	Thin-Film Photovoltaic Power Element with Integrated Low-	7512-147/C	PENDING
3/251,333	US	03-Oct-2011	Profile High-Efficiency DC-DC Converter	7512-14/10	PANDING
			Cooling Water Jet Pack for High Power Rotary Cathodes	7512-153/.1	PENDING
12/888,963	US	23-Sep-2010	Cooling water let rack for ringht over received		PENDING
0/005 500	TIC	19-Oct-2010	Method of Making a CIG Target by Spray Forming	7512-155	T El (Datio
12/907,783	US	17-00-2010			PENDING
12/907,670	US	19-Oct-2010	Method of Making a CIG Target by Gravity Casting	7512-156	
12//019010				7512-158	PENDING
12/907,169	US	19-Oct-2010	Method of Making A CIG Target by Cold Spraying	7512-150	DEMONIC
			Method for Alkali Doping of Thin Film Photovoltaic Materials	7512-159	PENDING
12/461,053	US	30-Jul-2009			PENDING
10/654 000	US	05-Jan-2010	Photovoltaic Materials with Controllable Zinc and Sodium	7512-163	
12/654,808	03		Content and Method of Making Thereof Continuous Web Apparatus and Method Using an Air to	7710 1/4	PENDING
13/006,098	US	13-Jan-2011	Vacuum Seal and Accumulator	7512-164	
15/000,070			Reactive Sputtering of ZnS(O,H) and InS(O,H) for Use as a	7512-165	PENDING
13/334,296	US	22-Dec-2011	Buffer Laver	7,512 100	
		(1.1.10000	Photovoltaic Device with a Luminescent Down-Shifting	7512-172/US	PENDING
12/733,257	US	11-Jul-2008	Material Control of the Making	 	
10/000 ///	US	03-Nov-2010	Photovoltaic Device and Method and System for Making	7512-175	PENDING
12/938,656		VJ-1101-2010	Photovoltaic Device Protective Layers for a Glass Barrier in a Photovoltaic Device	EE10 188	PENDING
12/824,605		7512-177	LEMMINA		
			Protective Layers for a Glass Barrier in a Photovoltaic Device	7512-178	PENDING
12/824,662	US	28-Jun-2010	1.000000	1010 110	
		00.0 0011	Cold Spray System Nozzle	7512-188	PENDING
13/247,187	US	28-Sep-2011	Colu spiray system nozzio		PENDING
12/020 (11	US	02-Mar-2011	Method of Sensing Local Sputtering Target Selenization	7512-189	
13/038,611				7512 102	PENDING
13/085,838	US	13-Apr-2011	Electrostatic Probes for Mapping Conductive Web Bagginess	7512-193	

Patent/ Application Number	Country	Filing Date Grant Date	Title	Attorney Docket Number	Status
Affitiner					PENDING
			Photovoltaic Cell with Copper Poor CIGS Absorber Layer and	7512-199	LEMDING
2/907,762	US	19 - Oct-2010	Method of Making Thereof		PENDING
	110	00 F.1. 2011	Utilization of an Air Amplifier to Remove Sheet of Paper from	7512-200	
3/019,671	US	02-Feb-2011	Glass in an Automated Glass Handler		PENDING
2/670 904	US	07-Nov-2012	Solar Panel with Integrated Mounting Clip/Shipping Support	7512-201	
13/670,804		U/-NUV-2012	Photovoltaic Device with Resistive CIGS Layer at the Back		PENDING
12/172 /07	US	30-Jun-2011	Contact	7512-203	
13/173,407 			Photovoltaic Cell with High Efficiency CIGS Absorber Layer		PENDING
13/720,238	110	10.70.0010	with Low Minority Carrier Lifetime and Method of Making	7512-208	
	US	19-Dec-2012	Thereof		DENDING
			Snuttering Target Including a Feature to Reduce Chalcogen	7512-210	PENDING
13/525,593	US	18-Jun-2012 12-Dec-2011	Duild Up and Arcing on a Backing Tube	7512-212	PENDING PENDING
			Magnetron with Gradually Increasing Magnetic Field Out of		
	US		Turnarounds D. L. Lich Tomperature		
	110	22.7 2011	Enamel Coating of Alloys to Reduce High Temperature	7512-214/1	
13/243,005	US	23-Sep-2011	Selenium Corrosion Emergency Off Button With Proximity Alarm	131 020	PENDING
10 (150 570	US	14-Jun-2011	Emergency Off Button with Proximity Atlanta	IN-020	- FEMDING
13/159,570		10-Oct-2011	Solar Cell With Multilayer Absorber	IN-017	PENDING
13/269,771	US		Solar Cell Willi Martina Jer Vices		
13/207,111	US	20-Oct-2011	Filter Circuit for a Magnetron Deposition Source	IN-019	PENDING
13/277,441					
	US		Combination Photovoltaic and Wind Power Generation	IN-018	PENDING
13/091,989		21-Apr-2011	Installation		DEMINING
10/057 777		4 10 0 10 04 0	Apparatus and Method of Forming a Sputtering Target	IN-023	PENDING
13/355,565	US	1/23/2012		IN-025	PENDING
13/529,317 US	us	6/21/2012	Flexible Photovoltaic Module With Stiffener Tabs	 	
	- 00		Interconnect Assembly	7512-202CA	PENDING
2,718,518	Canada	27-Feb-2009	Manufacturing Apparatus and Method for Large-Scale	7512 121PD	PENDING
02750511.2		24 500 2002		7512-121EP	I ENDING
03759511.3	Europe	pe 24-Sep-200			DESIDING
097118953	Taiwan	Taiwan 22-May- 2008	High Rate Sputtering Apparatus and Method	7512-128TW	PENDING
				 	PRINTING
			Photovoltaic Module Utilizing an Integrated Flex Circuit and	7512-131TW	PENDING
097122763	Taiwai	n 18-Jun-2008	Incorporating a Bypass Diode		

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Patent/ Application Number	Country	Filing Date Grant Date	Title	Attorney Docket Number	Status
		, 	Photovoltaic Modules with Integrated Devices	7512-132TW	PENDING
097126574	Taiwan	11-Jul-2008		7512-134TW	PENDING
197126580	Taiwan	11-Jul-2008	Photovoltaic Module with Integrated Energy Storage		PENDING
097126581	Taiwan	11-Jul-2008	Rooftop Photovoltaic Systems	7512-136TW	
097127171	Taiwan	17-Jul-2008	Photovoltaic Device with a Luminescent Down-Shifting Material	7512-138TW	PENDING
10741663.8	Europe	10-Feb-2010	Thin-Film Photovoltaic Power System with Integrated Low- Profile High-Efficiency Inverter	7512-169EP	PENDING
	Europe	 	Thin-Film Photovoltaic Power Element with Integrated Low-	7512-170EP	PENDING
10741668.7	Europe	10-Feb-2010	Profile High-Efficiency DC-DC Converter Protective Layer for Large-Scale Production of Thin-Film Solar	7512-171EP	PENDING
10744221.2	Europe	17-Feb-2010	Cells Method and Apparatus for Controllable Sodium Delivery for Thin Film Photovoltaic Materials	7512-184EP	PENDING
2012-504879	Japan	09-Apr-2010	Method and Apparatus for Controllable Sodium Delivery for Thin Film Photovoltaic Materials	7512-184JP	PENDING
10-2011-7025860	S. Korea	09-Apr-2010	Method and Apparatus for Controllable Sodium Delivery for Thin Film Photovoltaic Materials	7512-184KR	PENDING
	Malaysia	09-Apr-2010	Method and Apparatus for Controllable Sodium Delivery for Thin Film Photovoltaic Materials	7512-184MY	PENDING
PI 201100524	Europe	07 14P1 24 15	Interconnect Assembly	7512-202EP	PENDING
09721573.5		27-Feb-2009	Interconnect Assembly	7512-202IN	PENDING
3771/KOLNP/2010	S. Korea	27-Feb-2009	Interconnect Assembly	7512-202KR	PENDING
2010-7023367	US US	27-Feb-2009 24-Sep-2009	Cooling Water Jet Pack for High Power Rotary Cathodes	7512-153/P	EXPIRED
61/397,712	-	20-Oct-2009	Method of Making a CIG Target by Spray Forming	7512-155/P	EXPIRED
61/272,681	US		OTO T Als. Carries Costing	7512-156/P	EXPIRED
61/272,680	US	20-Oct-2009		7512-158/P	EXPIRED
61/272,679	US	20-Oct-2009	Method of Making a CIG Target by Cold Spraying		EXPIRED
61/282,214	US	31-Dec-2009	Taping Applying Apparatus and Method	7512-162/P	

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Patent/ Application Number	Country	Filing Date Grant Date	Title	Attorney Docket Number	Status
					EXPIRED
	US	15-Jan-2010	Continuous Web Apparatus and Method Using an Air to	7512-164/P	EVI IKPP
1/282,297	US	15-7411-2010	Vacuum Seal and Accumulator		EXPIRED
1/274,131	US	25-Mar-2010	System and Method for Reducing Deposition on a View Port of	7512-166/P 7512-187	
			a Deposition Chamber		EXPIRED
6,231,732	US	15-May-	Cylindrical Carriage Sputtering System	/512-10/	
	 	2001	Cli. /Chiming Cupport	7512-201/P	EXPIRED
61/557,010	US	08-Nov-2011	Solar Module with Integrated Mounting Clip/Shipping Support	7512-20171	
61/561,981	 -	21-Nov-2011	Sodium Concentration in a Plasma as a Metric of Field Power		EXPIRED
	US		Loss in a Thin Film Photovoltaic Cell and Method of Making	7512-207/P	
	05		Thereof		
61/578,504	US	21-Dec-2011	Photovoltaic Cell with High Efficiency CIGS Absorber Layer	7512-208/P	EXPIRED
			with Low Minority Carrier Lifetime and Method of Making		
01/5/01/51			Thereof Thereof		
	wo	18-Oct-2011	Retainers For Attaching Photovoltaic Modules To Mounting		EXPIRED
PCT/US11/56637			Structures		
			Composite Encapsulants Containing Fillers For Photovoltaic		
	wo	15-Jul-2011	Modules	-	EXPIRED
PCT/US11/44257					
	wo) 17-Jun-2011	Flexible Photovoltaic Modules in a Continuous Roll		EXPIRED
PCT/US11/40894				7512 125DCT	EXPIRED
PCT/US08/08512	WO	11-Jul-2008	Rooftop Photovoltaic Systems	7512-135PCT	
		11-Dec-2008	Photovoltaic Devices Protected From Environment	7512-142PCT	EXPIRED
PCT/US08/13570	WO	11-060-2000		 	
DCT/[IC 1 /20040	u\/∩	WO 03-Jan-2011	Photovoltaic Materials with Controllable Zinc and Sodium	7512-163PCT	EXPIRED
PCT/US11/20048	****		Content and Method of Making Thereof Thin-Film Photovoltaic Power System with Integrated Low-	THE LODGE	EXPIRED
PCT/US10/23756	wo	10-Feb-2010	Profile High-Efficiency Inverter	7512-169PCT	EAFIRED
101/0010/23/30			Profile right-efficiency inverter		
			Thin-Film Photovoltaic Power Element with Integrated Low-	7512-170PCT	EXPIRED
PCT/US10/23766	s WO	10-Feb-2010	Profile High-Efficiency DC-DC Converter		
			Protective Layer for Large-Scale Production of Thin-Film Solar	5512 171DCT	EXPIRED
PCT/US10/24400	s wo	WO 17-Feb-2010	1 - 4		EAI IND
1011001012			Composition and Method of Forming an Insulating Layer in a		EXPIRED
PCT/US10/2729	ı wo		The Contractor	7512-173PCT	EATIRED
FC1/0310/2/291		15-Mar-201	0 Filotovoltaic Device		

Patent/ Application Number	Country	Filing Date Grant Date	Title	Attorney Docket Number	Status
PCT/US11/46277	WO	02-Aug-2011	Gallium-Containing Transition Metal Thin Film for CIGS Nucleation	7512-174PCT	EXPIRED
PCT/US10/30454	WO	09-Apr-2010	Method for Alkali Doping of Thin Film Photovoltaic Materials	7512-183PCT	EXPIRED
PCT/US10/30456	WO	09-Apr-2010	Method and Apparatus for Controllable Sodium Delivery for Thin Film Photovoltaic Materials	7512-184PCT	EXPIRED
PCT/US10/30458	WO	09-Apr-2010	Barrier for Doped Molybdenum Targets	7512-185PCT	EXPIRED
PCT/US10/36039	wo	25-May- 2010	Method of Battery Charging and Power Control in Conjunction with Maximum Power Point Tracking	7512-190PCT	EXPIRED
PCT/US11/56689	wo	18-Oct-2011	Sodium Salt Containing CIG Targets, Methods of Making and Methods of Use Thereof	7512-195PCT	EXPIRED
PCT/US11/56704	WO	18-Oct-2011	Sulfur Salt Containing CIG Targets, Methods of Making and Methods of Use Thereof	7512-198PCT	EXPIRED
PCT/US09/35486	WO	27-Feb-2009	Interconnect Assembly	7512-202PCT	EXPIRED

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