

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI435215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SolarCA LLC	10/06/2023
RECEIVING PARTY DATA	
Company Name:	MAXEON SOLAR PTE. LTD.
Street Address:	8 MARINA BOULEVARD, #05-02
Internal Address:	MARINA BAY FINANCIAL CENTRE
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	18981
PROPERTY NUMBERS Total: 49	
Property Type	Number
Application Number:	11252399
Application Number:	11841899
Application Number:	12060801
Application Number:	12121788
Application Number:	12200921
Application Number:	12327743
Application Number:	12332340
Application Number:	12360078
Application Number:	12887954
Application Number:	12888021
Application Number:	12888038
Application Number:	13019172
Application Number:	13171389
Application Number:	13247980
Application Number:	13363231
Application Number:	13722975
Application Number:	13925755
Application Number:	14321761
Application Number:	14609307

Property Type	Number
Application Number:	14869130
Application Number:	15048399
Application Number:	16206351
Application Number:	16264519
Application Number:	16279906
Application Number:	16384800
Application Number:	16844679
Application Number:	16983936
Application Number:	17144942
Application Number:	18065558
Application Number:	18350597
Application Number:	62349535
Application Number:	62349541
Application Number:	62349547
Application Number:	62624645
Application Number:	62657805
Application Number:	62833470
Application Number:	62856636
Application Number:	62934447
Application Number:	63013410
Application Number:	63013414
Application Number:	63147955
Application Number:	63148064
Application Number:	63156662
Application Number:	63289058
Application Number:	63332191
Application Number:	63336055
Application Number:	63380738
Application Number:	63388170
Application Number:	63429860

CORRESPONDENCE DATA

Fax Number: 6692722077

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.

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ATTORNEY DOCKET NUMBER: MAX-0000G-08162024.1

NAME OF SUBMITTER: Julie Fosnaugh

SIGNATURE: Julie Fosnaugh

DATE SIGNED: 08/21/2024

Total Attachments: 43

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PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (this "Patent Name Assignment") is made as of October 6, 2023 (the "Effective Date") by and between Maxeon Solar Pte. Ltd., a Singapore private limited company ("Assignee") and SolarCA LLC, a Delaware limited liability company ("Assignor").

Background

WHEREAS, Assignor, Maxeon Solar Technologies, Ltd. and Complete Solaria, Inc. entered into the Asset Purchase Agreement, dated September 19, 2023 ("Purchase Agreement").

WHEREAS, in accordance with the Purchase Agreement, Assignor desires to convey, assign and transfer to Assignee, and Assignee desires to accept such conveyance, assignment and transfer, all right, title and interest in, to and under the patents and patent applications listed in Exhibit A attached hereto, together with all reissues, counterparts, divisions, divisionals, continuations, continuations-in-part, provisionals, renewals, extensions, substitutions, reexaminations or invention registrations related to such patents and patent applications (the "Patents").

NOW, THEREFORE, in consideration of the foregoing and for good and valuable consideration set forth in the Purchase Agreement, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree as set forth below. Defined terms used in this Patent Assignment, but not defined in this Patent Assignment, have the meaning set forth in the Purchase Agreement.

1. Assignor hereby irrevocably conveys, assigns and transfers to Assignee, and Assignee hereby accepts from Assignor all right, title and interest of every kind and nature in, to and arising from the Patents, including the right to sue for and otherwise recover damages or other compensation for past, present or future infringement, misappropriation or violation of rights related to the foregoing.
2. Assignor hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office and the officials of corresponding entities or agencies in any applicable jurisdictions to issue the Patents in and to the name of Assignee as the assignee of such Patents. Assignor will promptly, and at no cost to Assignee, execute such written instruments, extend such other cooperation and perform such other acts as may be reasonably necessary or appropriate, in the reasonable opinion of Assignee, to convey, establish, evidence, maintain, defend and enforce Assignee's rights in the Patents.
3. This Patent Assignment is to be construed in accordance with and governed by the internal Laws of the State of Delaware without giving effect to any choice of law rule that would cause the application of the Laws of any jurisdiction other than the internal Laws of the State of Delaware to the rights and duties of the Parties. Any legal suit, action or proceeding arising out of or relating to this Patent Assignment will be commenced in a federal court in the District of Delaware or in state court in the County of New Castle, Delaware, and each Party to this Domain Name Assignment irrevocably submits to the exclusive jurisdiction and venue of any such court in any such suit, action or proceeding.
4. This Patent Assignment may be executed in 2 or more copies, each of which will be deemed an original, but all of which together will constitute one and the same instrument.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties have each caused this Patent Assignment to be duly executed by an authorized officer as of the date first written above.

MAXEON SOLAR PTE. LTD.

By: _____
Name: William Mulligan
Title: Authorized Signatory

DocuSigned by:
William Mulligan
0F69B1D5A33C466...

SOLARCA LLC

By: _____
Name:
Title:

IN WITNESS WHEREOF, the Parties have each caused this Patent Assignment to be duly executed by an authorized officer as of the date first written above.

MAXEON SOLAR PTE. LTD.

By: _____

Name:

Title:

SOLARCA LLC

By: William J. Anderson

Name: William J. Anderson

Title: Authorized Signatory

Exhibit A

Patents

CONFIDENTIAL ATTORNEY-CLIENT PRIVILEGED
Patent Status
Solaria Corporation Portfolio

AMPACC Ref No.	Country	Type	Title	Inventor	App No.	Filing Date	Patent No.	Issue Date	Priority	Earliest filing date	Current Status	Pending/Action Item (Annex C)	Official Due Date (Annex C)	Comments
906AA-00700US	US	Non-Provisional	Fabrication Process for Photovoltaic Cell	Alelie Fulcoill	11/253182	10/17/2005	7,910,832	3/22/2011			Issued			
906AA-001300US	US	Design	Solar Cell Package Design	Sun Sharma	29/242428	11/8/2005	D555083	11/13/2007			patent expired			
906AA-001600US	US	Design	Triangular Solar Cell Design	Sun Sharma	29/243072	11/18/2005	D558138	12/25/2007			patent expired			
906AA-001700US	US	Design	Shaped Solar Cell Package Design	Sun Sharma	29/243073	11/18/2005	D559174	1/8/2008			patent expired			
906AA-001800US	US	Design	Rectangular Solar Cell Package Design	Sun Sharma	29/243052	11/18/2005	D568238	5/6/2008			patent expired			
906AA-001900US	US	Design	Circular Solar Cell Package Design	Sun Sharma	29/243053	11/18/2005	D555084	11/13/2007			patent expired			
906AA-005910US	US	Non-Provisional	Method and System for Separating Photovoltaic Strips	Alelie Fulcoill Rick Phire	12/200,815	8/28/2008	8,513,055	8/20/2013			Issued	11.5 - Year Maintenance fee	2/20/2025	
906AA-0087100US	US	Design	Shaped Solar Cell Package	Sun Sharma Alelie Fulcoill	29/282591	7/29/2007	D588934	3/17/2008			Issued			
906AA-008710US	US	Design	Shaped Solar Cell Package	Sun Sharma Alelie Fulcoill	29/302787	11/24/2008	D591228	4/28/2009			Issued			
906AA-01501T	IT	Foreign Design	Solar Cell Grid Pattern Design	Kevin R. Gibson Aditya Maheshwari	1/020110000065	12/1/2011	99287	11/1/2013	29/893,341	6/2/2011	Issued	4th Annulity	12/1/2023	
906AA-018200US	US	Design	FASTENER DESIGNS FOR SOLAR MODULES	Asier David Salomon Scott Paul Skinner	29/393,340	6/2/2011	D599,176	2/17/2014			Issued			
906AA-017800US	US	Design	SOLAR CELL DESIGN	Aureo PARILLA Kevin R. Gibson Aditya Maheshwari	29/508,395	11/17/2014	D782763	7/26/2016			Issued			
906AA-017910US	US	Design CIP	SOLAR CELL ARTICLE	Kevin R. Gibson Dimitris P. Vekila Aureo PARILLA	29/566,548	6/1/2016	D877091	3/3/2020	29/508,395	11/17/2014	Issued			
906AA-018000US	US	Design	TILED SOLAR CELL	Kevin R. Gibson Aditya Maheshwari	29/509,179	11/14/2014	D763787	8/16/2016			Issued			
906AA-018010US	US	Design	TILED SOLAR CELL	Aureo PARILLA Aditya Maheshwari	29/570,145	7/5/2016	D784254	4/18/2017	29/509,179	11/14/2014	Issued			
906AA-0180DUS2	US	Design	TILED SOLAR CELL	Aureo PARILLA Kevin R. Gibson Aditya Maheshwari	29/601,064	4/18/2017	D875664	2/8/2020	29/508,179	11/14/2014	Issued			
906AA-018100CN	CN	Foreign Utility	HIGH DENSITY SOLAR MODULE WITH APPARATUS	Kevin R. Gibson	201521018281.1	12/9/2015	ZL 201521018281.1	9/28/2016	14/609,307	1/29/2015	Issued	8th Annulity	12/9/2023	
906AA-018100CN	CN	Foreign Utility	HIGH DENSITY SOLAR MODULE WITH DIODE DEVICE	Kevin R. Gibson	201521020178.9	12/9/2015	ZL 201521020178.9	9/28/2016	14/609,307	1/29/2015	Issued	9th Annulity	12/9/2023	
906AA-018111CN	CN	Foreign Utility	HIGH DENSITY SOLAR MODULE WITH A STRING OF STRIPS	Kevin R. Gibson	201521020186.7	12/9/2015	ZL 201521020186.7	10/24/2017	14/609,307	1/29/2015	Issued	8th Annulity	12/9/2023	
906AA-018120CN	CN	Foreign Utility	HIGH DENSITY SOLAR MODULE WITH A STRING OF STRIPS	Kevin R. Gibson	201521020186.7	12/9/2015	ZL 201521020186.7	10/24/2017	14/609,307	1/29/2015	Issued	8th Annulity	12/9/2023	
906AA-018121CN	CN	Foreign Utility	HIGH DENSITY SOLAR MODULE WITH Model Divisional	Kevin R. Gibson	20162103867.6.7	9/14/2018	ZL 20162103867.6.7	10/24/2017	14/609,307	1/29/2015	Issued	8th Annulity	12/9/2023	
906AA-0182D1US	US	Design	VERTICAL TILED SOLAR MODULE ARTICLE	Kevin R. Gibson Sun Sharma AdimDerrick	29/881,893	1/5/2017	D812554	3/13/2018	14/691,130	1/29/2015	Issued			
906AA-0182D1CN	CN	Foreign Design	VERTICAL TILED SOLAR MODULE ARTICLE	Kevin R. Gibson Sun Sharma AdimDerrick	2016304851879	9/27/2016	ZL 2016304851879	3/29/2017	14/609,307		Issued	8th Annulity	9/27/2023	
906AA-018300US	US	Design	DOUBLE PIN STRIPE SOLAR MODULE ARTICLE	Kevin R. Gibson AdimDerrick	29/553,307	11/29/2016	D781230	3/14/2017			Issued			
906AA-0183D0CN	CN	Foreign Design	DOUBLE PIN STRIPE SOLAR MODULE ARTICLE	Kevin R. Gibson AdimDerrick	2015302957053	6/14/2018	ZL 2015302957053	12/21/2016	29/553,307	1/29/2016	Issued	8th Annulity	12/14/2023	Grace period
906AA-0184D0US	US	Design	SOLAR MODULE ARTICLE	Kevin R. Gibson	29/565,432	5/20/2016	D871780	3/5/2020			Issued			
906AA-0184D0CN	CN	Foreign Design	SOLAR MODULE ARTICLE	Kevin R. Gibson	2016303700265	8/5/2016	ZL 2016303700265	2/8/2017	29/565,432	5/20/2016	Issued	8th Annulity	2/9/2024	Grace period
906AA-0185D0US	US	Design	PATTERNED SOLAR MODULE ARTICLE	Kevin R. Gibson AdimDerrick	29/553,308	11/29/2016	D788027	5/30/2017			Issued			
906AA-0185D0CN	CN	Foreign Design	PATTERNED SOLAR MODULE ARTICLE	Kevin R. Gibson AdimDerrick	201530246161	6/14/2018	ZL 201530246161	12/21/2016	29/553,308	1/29/2016	Issued	8th Annulity	12/14/2023	Grace period
906AA-0186D0US	US	Design	PATTERNED SOLAR CELL ARTICLE	Kevin R. Gibson AdimDerrick	29/557,395	3/6/2016	D813153	3/20/2018			Issued			
906AA-0186D0JP	JP	Foreign Design	PATTERNED SOLAR CELL ARTICLE	Kevin R. Gibson AdimDerrick	D2016-018966	9/2/2016	1576878	4/27/2017	29/557,395	3/6/2016	Issued	8th Annulity	4/27/2024	
906AA-0186D0CN	CN	Foreign Design	PATTERNED SOLAR CELL ARTICLE	Kevin R. Gibson AdimDerrick	2016303224222	7/14/2016	ZL 2016303224222	6/6/2017	29/557,395	3/6/2016	Issued	8th Annulity	1/14/2024	Grace period

066AA0187US	US	Non-provisional	SOLAR MODULE HAVING A PLURALITY OF STRINGS CONFIGURED FROM A FIVE STRIP	Kevin R. Gibson	15/011,714	6/1/2017	10,651,321	5/12/2020	62/946,535	6/13/2016	Issued	3.5 - year Maintenance fee	11/12/2023	
066AA0187US1	US	Divisional	SOLAR MODULE HAVING A PLURALITY OF STRINGS CONFIGURED FROM A FIVE STRIP CELL	Kevin R. Gibson	16/639,403	4/3/2020	11,594,646	6/26/2023	62/946,535	6/13/2016	Issued	3.5 - year Maintenance fee	8/28/2026	
066AA0187US2	US	Continuation	SOLAR MODULE HAVING A PLURALITY OF STRINGS CONFIGURED FROM A FIVE STRIP CELL	Kevin R. Gibson	18/175,311	2/27/2023			62/946,535	6/13/2016	Pending			
066AA018BUS	US	Non-provisional	TILED SOLAR MODULE REPAIR PROCESS	Kevin R. Gibson	15/621,991	6/13/2017	10,411,153	6/10/2019	62/946,541	1/29/2015	Issued	7.5 - year fee	3/10/2027	
066AA018BUS1	US	Continuation	TILED SOLAR MODULE REPAIR PROCESS	Kevin R. Gibson	16/521,233	7/24/2019	10,686,097	6/16/2020	62/946,541	1/29/2015	Issued	3.5 - year Maintenance fee	12/16/2023	
066AA018BUS2	US	Continuation	TILED SOLAR MODULE REPAIR PROCESS	Kevin R. Gibson	15/830,182	5/12/2020	11,211,518	12/28/2021	62/946,547	1/29/2015	Issued	3.5 - year Maintenance fee	6/28/2025	
066AA018BUS	US	Non-provisional	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson	15/622,000	6/13/2017	10,347,788	7/9/2019	62/946,547	1/29/2015	Issued	7.5 - year fee	1/9/2027	
066AA018BUS1	US	Continuation	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson	16/418,859	5/21/2019	10,522,707	12/31/2019	62/946,547	1/29/2015	Issued	3.5 - year Maintenance fee	12/30/2023	Grace period
066AA018BUS2	US	Continuation	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson	16/591,408	11/21/2019	10,651,333	5/12/2020	62/946,547	1/29/2015	Issued	3.5 - year Maintenance fee	11/12/2023	
066AA018BUS4	US	Continuation	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson	16/844,693	4/6/2020	10,763,388	9/1/2020	62/946,547	1/29/2015	Issued	3.5 - year Maintenance fee	3/1/2024	
066AA-0181DUS	US	Design	SOLAR CELL ARTICLE	Adam Detrick	29/514,241	8/12/2016	DB10676	2/20/2018			Issued			
066AA-0182DUS	US	Design	SOLAR CELL ARTICLE	Adam Detrick	29/514,243	8/12/2016	DB15028	4/10/2018			Issued			
066AA-0183DUS	US	Design	SOLAR CELL ARTICLE	Kevin R. Gibson	29/514,244	8/12/2016	DB15029	4/10/2018			Issued			
066AA-0183DCN	CN	Foreign Design	SOLAR CELL ARTICLE	Adam Detrick	2017300365503	2/10/2017	2017300365503	12/15/2017	29/514,244	8/12/2016	Issued	8th Annulity	2/10/2024	
066AA-0183DCN	CN	Foreign Design	SOLAR CELL ARTICLE	Adam Detrick	2017300365582	2/10/2017	2017300365582	12/15/2017	29/514,249	8/12/2016	Issued	8th Annulity	2/10/2024	
066AA-018BDUS	US	Design	SOLAR CELL ARTICLE	Adam Detrick	29/514,255	8/12/2016	DB17264	5/6/2018			Issued			
066AA-020DDUS	US	Design	SOLAR CELL ARTICLE	Adam Detrick	29/514,246	8/12/2016	DB10676	2/20/2018			Issued			
066AA-020DDUS	US	Design	BLACK SOLAR MODULE ARTICLE	Adam Detrick	29/518,967	10/4/2016	DB17865	5/15/2018			Issued			
066AA0208KR	KR	Direct Foreign	PHOTOVOLTAIC SYSTEM AND COMPONENTS	Kevin R. Gibson	10-2019-0012134	1/30/2019			16/206,351	1/31/2018	Pending			
066AA0207PV	US	Provisional	HIGH VOLTAGE PHOTOVOLTAIC MODULE	Adam Detrick	62/624,646	1/31/2018			62/624,646	1/31/2018	converted (also with - 0206US above)			
066AA0207KR	KR	Direct Foreign	OPTIMIZED INTERFACE FOR PHOTOVOLTAIC MODULE AND SYSTEM EFFICIENCY	Adam Detrick	10-2019-0012106	1/31/2019			62/624,646	1/31/2018	Pending	Office Action	O: 10/30/2023 F: 2/29/2024	US case abandoned
066AA0208PV	US	Provisional	BIFACIAL PHOTOVOLTAIC MODULE	Adam Detrick	62/857,805	4/14/2018			62/857,805		converted (also with - 0206US above)			
066AA0208FC	WO	PCT	BIFACIAL PHOTOVOLTAIC MODULE	Adam Detrick	PCT/US2019/27552	4/15/2019			62/857,805	4/14/2018	converted			
066AA0208DCN	CN	Foreign Design	SOLAR CELL	Nateem Haque	2018306120167	10/31/2018	2018306120167	11/1/2019	29/646,603	5/4/2018	Issued	5th Annulity	10/31/2023	
066AA0208DEP	EP	Foreign Design	SOLAR CELL	Nateem Haque	005815404-0001	11/2/2018	005815404-0001	11/2/2018	29/646,603	5/4/2018	Issued	5th Annulity	11/2/2023	
066AA0208JP	JP	Foreign Design	SOLAR CELL	Nateem Haque	D2018-024327	11/5/2018	1642809	6/13/2019	29/646,603	5/4/2018	Issued	5th Annulity	6/13/2023	
066AA0210DCN	CN	Foreign Design	SOLAR CELL	Nateem Haque	2018306120311	10/31/2018	2018306120311	11/1/2019	29/646,604	5/4/2018	Issued	5th Annulity	10/31/2023	
066AA0210DEP	EP	Foreign Design	SOLAR CELL	Nateem Haque	005815404-0002	11/2/2018	005815404-0002	11/2/2018	29/646,604	5/4/2018	Issued	5th Annulity	11/2/2023	
066AA0210JP	JP	Foreign Design	SOLAR CELL	Nateem Haque	D2018-024328	11/5/2018	1643076	6/13/2019	29/646,604	5/4/2018	Issued	5th Annulity	6/13/2023	
066AA0213PV	US	Provisional	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGULATED STRIPS	Kevin Gibson	62/833,470	4/12/2019					converted			

066AA0213US	US	Non-Provisional	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGLE LATED STRIPS	Kevin Gibson Nadeem Haque Suv Sharma Vishal Chandrasekhar	16/06/2006	4/10/2020					62/833,470	4/12/2019	pending		FOA (mailed 8/29/23)	11/28/2023	Final deadline is 2/22/2023
066AA0219PC	WO	PCT	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGLE LATED STRIPS	Kevin Gibson Nadeem Haque Suv Sharma Vishal Chandrasekhar	PCT/US2021/741	4/10/2020					62/833,470	4/12/2019	converted				
066AA02131TW	TW	Foreign	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGLE LATED STRIPS	Kevin Gibson Nadeem Haque Suv Sharma Vishal Chandrasekhar	109112002	4/10/2020					62/833,470	4/12/2019	abandoned				
066AA0213CA	CA	Foreign	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGLE LATED STRIPS	Kevin Gibson Nadeem Haque Suv Sharma Vishal Chandrasekhar	3136693	10/8/2021					62/833,470	4/12/2019	pending		3rd Annul; Request for Examination	4/10/2024	
066AA0213AU	AU	Foreign	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGLE LATED STRIPS	Kevin Gibson Nadeem Haque Suv Sharma Vishal Chandrasekhar	2020271115	10/26/2021					62/833,470	4/12/2019	pending		Annulity Fee	4/10/2024	
066AA0213EP	EP	Foreign	SOLAR MODULE COMPRISING INTERCHANGEABLE SINGLE LATED STRIPS	Kevin Gibson Nadeem Haque Suv Sharma Vishal Chandrasekhar	20766933.8	10/27/2021					62/833,470	4/12/2019	pending		5th Annulity Fee	4/10/2024	
066AA0218US	US	Design	IBD														
066AA0218PV	US	Provisional	SINGLE L SOLAR CELL WITH LOW FINGER PITCH	Denis DE CEUSTER Kevin Gibson	62/856,636	6/3/2018					62/856,636	6/3/2019	converted				
066AA0216US	US	Non-Provisional	SINGLE L SOLAR CELL WITH LOW FINGER PITCH	Denis DE CEUSTER Kevin Gibson	16/892,195	6/3/2020					62/856,636	6/3/2019	pending		NP-0A (mailed 6/22/23)	6/22/2023	Final deadline is 12/22/2023
066AA0215TW	TW	Foreign	SINGLE L SOLAR CELL WITH LOW FINGER PITCH	Denis DE CEUSTER Kevin Gibson	109118512	6/3/2020					62/856,636	6/3/2019	abandoned				
066AA0218US	US	Design	IBD														
066AA021DAU	AU	Foreign Design	PHOTOVOLTAIC MODULE AND SUPPORTING SURFACE	Adam Dettick Suv Sharma	20210367	1/13/2020					28/701,985	8/15/2019	pending				
066AA021DAU1	AU	Foreign Divisional Design	PHOTOVOLTAIC MODULE AND SUPPORTING SURFACE	Adam Dettick Suv Sharma	202012273	4/20/2020					28/701,985	8/15/2019	pending				
066AA0217DEP	EP	Foreign Design	PHOTOVOLTAIC MODULE AND SUPPORTING SURFACE	Adam Dettick Suv Zuchi Suv Sharma	007693452.1	2/13/2020	007693452-0001; 001476857-0001; 001476857-0001; 001476857-0001	2/13/2020			28/701,985	8/15/2019	issued		3rd Annulity Fee	2/13/2025	
066AA0218PV	US	Provisional	BF-AQAL PHOTOVOLTAIC MODULE	Adam Dettick	62/834,447	11/12/2019					62/834,447	11/12/2019	converted				
066AA0218US	US	Non-Provisional	BF-AQAL PHOTOVOLTAIC MODULE	Adam Dettick Nadeem Haque Vishal Chandrasekhar Michael Lau	17/085,375	11/11/2020					62/834,447	11/12/2019	pending				
066AA0218PC	WO	PCT	BF-AQAL PHOTOVOLTAIC MODULE	Adam Dettick Nadeem Haque Vishal Chandrasekhar Michael Lau	PCT/US20/59875	11/10/2020					62/834,447	11/12/2019	converted				
066AA0218AU	AU	Foreign	BF-AQAL PHOTOVOLTAIC MODULE	Adam Dettick Nadeem Haque Vishal Chandrasekhar Michael Lau	2020385118	5/13/2022					62/834,447	11/12/2019	pending		1st Annulity Fee	11/10/2024	
066AA0218EP	EP	Foreign	BF-AQAL PHOTOVOLTAIC MODULE	Adam Dettick Nadeem Haque Vishal Chandrasekhar Michael Lau	20886436.3	5/24/2022					62/834,447	11/12/2019	pending		4th Annulity Fee	11/10/2023	
066AA0219PV	US	Provisional	REDUCED OVERLAP SINGLE L SINGLE CELL DESIGN FOR SINGLE-3XU CELL DESIGN FOR SINGLE L PANELS	Nadeem Haque Vishal Chandrasekhar Michael Lau	63/013,414	4/21/2020					63/013,414	4/21/2020	converted				
066AA0218US	US	Non-Provisional	REDUCED OVERLAP SINGLE L SINGLE CELL DESIGN FOR SINGLE-3XU CELL DESIGN FOR SINGLE L PANELS	Nadeem Haque Vishal Chandrasekhar Michael Lau	17/235,842	4/20/2021					63/013,414	4/21/2020	pending				
066AA0219PC	WO	PCT	REDUCED OVERLAP SINGLE L SINGLE CELL DESIGN FOR SINGLE-3XU CELL DESIGN FOR SINGLE L PANELS	Nadeem Haque Vishal Chandrasekhar Michael Lau	PCT/US21/28236	4/20/2021					63/013,414	4/21/2020	converted				
066AA0219EP	EP	Foreign	REDUCED OVERLAP SINGLE L SINGLE CELL DESIGN FOR SINGLE-3XU CELL DESIGN FOR SINGLE L PANELS	Nadeem Haque Vishal Chandrasekhar Michael Lau	21782208.7	11/16/2022					63/013,414	4/21/2020	pending		3rd Annulity Fee	10/20/2023	Grace period
066AA0221US	US	Non-Provisional	PHOTOVOLTAIC STRUCTURE AND METHOD OF FABRICATION	Li Wang Nadeem Haque Jeong Chul Lee	16/899,995	8/21/2020					PCT/US21/28236		pending		NP-0A (mailed 6/22/23)	6/22/2023	Final deadline is 12/22/2023
066AA0221PC	WO	PCT	PHOTOVOLTAIC STRUCTURE AND METHOD OF FABRICATION	Li Wang Nadeem Haque Jeong Chul Lee	PCT/US21/46734	8/19/2021					16/899,995	8/21/2020	converted				
066AA0221EP	EP	Foreign	PHOTOVOLTAIC STRUCTURE AND METHOD OF FABRICATION	Li Wang Nadeem Haque Jeong Chul Lee	2189145.1	2/28/2023					16/899,995	8/21/2020	pending		Voluntary Amendment; 4th Annulity Fee	8/19/2024	Final deadline
066AA0221IN	IN	Foreign	PHOTOVOLTAIC STRUCTURE AND METHOD OF FABRICATION	Li Wang Nadeem Haque Jeong Chul Lee	202317018651	3/20/2023					16/899,995	8/21/2020	pending		Declaration Form Due	9/20/2023	Final deadline

906AA023P-V	US	Provisional	SHINGLE PV MODULES WITH HUT CELLS AND SPECIAL CONDUCTOR	Arnaud Lepert Lili Wang Paul Adriaan	63/147,955	2/10/2021					converted			
906AA023U-S	US	Nonprovisional	SHINGLE PV MODULES WITH HUT CELLS AND SPECIAL CONDUCTOR	Arnaud Lepert Lili Wang Paul Adriaan	17/669,267	2/10/2022		63/147,955	2/10/2021		pending	NFOA (mailed 4/21/23)	6/21/2023 (2M ext.)	Final deadline is 10/21/2023
906AA024P-V	US	Provisional	INTERCONNECTION CONFIGURATION FOR SOLAR MODULE ASSEMBLY	Arnaud Lepert Ricky Dunbar Lili Wang	63/156,662	3/4/2021					converted			
906AA024U-S	US	Nonprovisional	INTERCONNECTION CONFIGURATION FOR SOLAR MODULE ASSEMBLY	Arnaud Lepert Ricky Dunbar Lili Wang	17/686,288	3/3/2022		63/156,662	3/4/2021		pending	NFOA (mailed 6/2/23)	6/23/2023	Final deadline is 12/23/2023
906AA024P-C	WO	PCT	INTERCONNECTION CONFIGURATION FOR SOLAR MODULE ASSEMBLY	Arnaud Lepert Ricky Dunbar Lili Wang	PCT/US22/18/81	3/3/2022		63/156,662	3/4/2021		pending			
906AA024E-P	EP	Foreign	INTERCONNECTION CONFIGURATION FOR SOLAR MODULE ASSEMBLY	Arnaud Lepert Ricky Dunbar Lili Wang	TBD			63/156,662 PCT/US22/18/81	3/4/2021		to be filed			
906AA0224IN	IN	Foreign	INTERCONNECTION CONFIGURATION FOR SOLAR MODULE ASSEMBLY	Arnaud Lepert Ricky Dunbar Lili Wang	TBD			63/156,662 PCT/US22/18/81	3/4/2021		to be filed			
906AA0226U-S	US	Nonprovisional	SOLAR DEVICE FABRICATION LIMITING POWER CONVERSION LOSSES	Lili Wang Arnaud Lepert	17/464,513	9/1/2021					pending			
906AA026P-C	WO	PCT	SOLAR DEVICE FABRICATION LIMITING POWER CONVERSION LOSSES	Lili Wang Arnaud Lepert	PCT/US22/40/188	8/12/2022		17/464,513	9/1/2021		pending	Foreign Filing	3/1/2024	
906AA0227P-V	US	Provisional	SOLAR DEVICE FABRICATION LIMITING POWER CONVERSION LOSSES	Arnaud Lepert Lili Wang	63/286,058	12/13/2021					converted			
906AA0227U-S	US	Nonprovisional	SOLAR DEVICE FABRICATION LIMITING POWER CONVERSION LOSSES	Arnaud Lepert Lili Wang	18/065,558	12/13/2022		63/286,058	12/13/2021		pending			
906AA0228P-V	US	Provisional	RAISED PROTECTION INHIBITING ADHESIVE SPREAD BETWEEN SHINGLED STRIPS	Antonio R. Alvarez Arnaud Lepert Lili Wang Michael Lau	63/532,191	4/18/2022					converted			
906AA0228U-S	US	Nonprovisional	RAISED PROTECTION INHIBITING ADHESIVE SPREAD BETWEEN SHINGLED STRIPS	Antonio R. Alvarez Arnaud Lepert Lili Wang Michael Lau	18/302,574	4/18/2023		63/532,191	4/18/2022		pending			
906AA0228P-C	WO	PCT	RAISED PROTECTION INHIBITING ADHESIVE SPREAD BETWEEN SHINGLED STRIPS	Antonio R. Alvarez Arnaud Lepert Lili Wang Michael Lau	PCT/US23/65/886	4/18/2023		63/532,191	4/18/2022		pending	Foreign Filing	10/18/2024	
906AA0229P-V	US	Provisional	SHINGLED SOLAR MODULE INCLUDING WIRE INTERCONNECT	Arnaud Lepert Lili Wang Paul Adriaan Ricky Dunbar	63/636,055	4/28/2022					converted			
906AA0229U-S	US	Nonprovisional	SHINGLED SOLAR MODULE INCLUDING WIRE INTERCONNECT	Arnaud Lepert Lili Wang Paul Adriaan Ricky Dunbar	18/309,048	4/28/2023		63/636,055	4/28/2022		pending			
906AA0229P-C	US	Provisional	SHINGLED SOLAR MODULE INCLUDING WIRE INTERCONNECT	Arnaud Lepert Lili Wang Paul Adriaan Ricky Dunbar	PCT/US23/66/355	4/28/2023		63/636,055	4/28/2022		pending	Foreign Filing	10/28/2024	
906AA0230P-V	US	Provisional	ROOF TOP SOLAR MODULE MOUNTING SYSTEM	Paul Adriaan Michael Lau Arnaud Lepert Vishal Chandrasekhar	63/588,170	7/11/2022					converted			
906AA0230U-S	US	Nonprovisional	ROOF TOP SOLAR MODULE MOUNTING SYSTEM	Paul Adriaan Michael Lau Arnaud Lepert Vishal Chandrasekhar	18/260,597	7/11/2023		63/588,170	7/11/2022		pending	NTC of CP	6/28/2023	Final deadline is 1/28/2024
906AA0230P-C	WO	PCT	ROOF TOP SOLAR MODULE MOUNTING SYSTEM	Paul Adriaan Michael Lau Arnaud Lepert Vishal Chandrasekhar	PCT/US23/69/78	7/11/2023		63/588,170	7/11/2022		pending	Foreign Filing	1/11/2025	
906AA0231P-V	US	Provisional	SOLAR MODULE DARKENING PROCESS	Paul Adriaan	63/428,860	12/22/2022					pending	NonprovisionalPCT Conversion	12/22/2023	
906AA0232P-V	US	Provisional	SOLAR MODULE HAVING GROUPINGS OF CHAUFFERED AND RECTANGULAR SINGULATED STRIPS	Arnaud Lepert Paul Adriaan	63/380,738	10/24/2022					pending	NonprovisionalPCT Conversion	10/24/2023	

LEGEND:	Application to be filed
	Urgent item that needs attention

APPLICATION TOTALS	
Total Issued	52
US Issued	30

CN Issued	15
EP/IT Issued	4
JP Issued	3
US Issued	22
GB Issued	0
US Pending	15
PCT Pending	3
AU Pending	4
CN Pending	1
EP Pending	0
JP Pending	3
US Pending	2
GB Pending	2
JP Pending	0
US Pending	2

AMPACCRef. No.	Country	Type	Title	Inventor	App No. Filing Date	Patent No. Issued Date	Priority	First filing date	Current Status
906RO-001100US	US	Non-provisional Application	Method and Resulting Structure for Assembling Photovoltaic Regions onto Lead Frame Members for Integration on Concentrating Elements for Solar Cells	Alelie Fumcell	11/252399 10/17/2005	8,227,688 7/24/2012			expired
906RO-005720US	US	Continuation	A SOLAR CELL CONCENTRATOR STRUCTURE INCLUDING A PLURALITY OF GLASS CONCENTRATOR ELEMENTS WITH A NOTCH DESIGN		13/925,755 6/24/2013				abandoned
906RO-005810US	US	Non-provisional Application	Method and System for Assembling a Solar Cell Package	Kevin R. Gibson Ramon Rosal Reglos	12/060801 4/1/2008	7,910,392 3/22/2011	60/909691 60/909,692	4/2/2007	expired
906RO-007310US	US	Non-provisional Application	Concentrating Module and Method of Manufacture for Photovoltaic Strips	Kevin R. Gibson	12/121788 5/16/2008	8,119,902 2/21/2012	60/939089	5/21/2007	expired
906RO-007311US	US	Continuation	CONCENTRATING MODULE AND METHOD OF MANUFACTURE FOR PHOTOVOLTALIC STRIPS	Kevin R. Gibson	13/363,231 1/31/2012		60/939089	5/21/2007	abandoned
906RO-007510US	US	Non-provisional Application	Notch Structure for Concentrating Module and Method of Manufacture Using Photovoltaic Strips	Kevin R. Gibson	12/200921 8/28/2008	8,049,098 11/1/2011	60/969949	9/5/2007	expired
906RO-007511US	US	CA	Notch Structure for Concentrating Module and Method of Manufacture Using Photovoltaic Strips	Kevin R. Gibson	13/247,980 9/28/2011	8,242,352 8/14/2012	12/200921 8/28/2008	9/5/2007	expired
906RO-007620US	US	Non-provisional Application	Solar Cell Structure Including a Plurality of Concentrator Elements with a Notch Design and Predetermined Radii and Method	Kevin R. Gibson Alelie Fumcell	12/327743 1/7/2009	8,168,884 5/1/2012	61/019,135	1/4/2008	expired

906RO-007630US	US	Non-provisional Application	Solar Cell Structure Including a Plurality of Concentrator Elements with a Notch Design and Predetermined Radii and Method	Kevin R. Gibson Alelie Funnell	12/360078 1/26/2009	8,173,890 5/8/2012	11/695,566 60/969,949 61/019,135 12/060,769 11/445,933	6/2/2006	expired
906RO-007641US	US	CIP	Solar Cell Structure Including a Plurality of Concentrator Elements With a Notch Design and Predetermined Radii and Method	Kevin R. Gibson Alelie Funnell	13/171389 6/28/2011	8,242,351 8/14/2012			expired
906RO-008210US	US	Non-provisional Application	Method and System for Manufacturing Integrated Molded Concentrator Photovoltaic Device	Kevin R. Gibson Abhay Maheshwari	12/332340 12/11/2008	7,910,035 3/22/2011	61/013251	12/12/2007	expired
906RO-008600US	US	Non-provisional Application	Electrical Coupling Device and Method for Solar Cells	Rick Briere Alelie Funnell	11/841899 8/20/2007	7,419,377 9/12/2008			expired
906RO-009210US	US	Non-provisional Application	Method and Apparatus for Manufacturing Solar Concentrators Using Glass Process	Kevin R. Gibson	12/178561 7/23/2008	8,707,736 4/29/2014	60/954021	8/6/2007	to be abandoned
906RO-011610US	US	Non-Provisional Application	Solar Module Window Shade Apparatus and Method	Daniel S. Shugar Kevin Gibson	13/019,172 2/1/2011		61/300,436	2/1/2010	expired
A906RO-011611US	US	Continuation	SOLAR MODULE WINDOW SHADE APPARATUS AND METHOD	Daniel S. Shugar Kevin Gibson	15/048,399 2/19/2016		61/300,436 13/019,172	2/1/2010	abandoned
906RO-015000US	US	Non-provisional Application	ASSEMBLY SYSTEM FOR PHOTOVOLTAIC PACKAGES	Douglas R. Battaglia, Jr. Ziehl-Neelsen L. Co	12/887,954 9/22/2010	8,409,898 04/02/2013			expired
906RO-015100US	US	Non-provisional Application	SYSTEM AND METHOD FOR DETERMINING PLACEMENT OF PHOTOVOLTAIC STRIPS USING DISPLACEMENT SENSORS	Shirish Shah Frank Magana Junaid Fatehi Enrico Casale Raghunandan Chaware	12/888,021 9/22/2010	8,361,259 01/29/2013			expired

A906RO-015110US	US	DIV	SYSTEM AND METHOD FOR DETERMINING PLACEMENT OF PHOTOVOLTAIC STRIPS USING DISPLACEMENT SENSORS	Shirish Shah Frank Magana Junaid Fatehi Enrico Casaje Raghunandan Chaware	13/7/22, 9/75 12/20/12		12/888, 021		abandoned
906RO-015200US	US	Non-provisional Application	SYSTEM AND METHOD FOR LAMINATING PHOTOVOLTAIC STRUCTURES	Abhay Maheshwari Raghunandan Chaware	12/888, 037 9/22/2010	8, 766, 086 7/1/2014			to be abandoned
A906RO-015210US	US	Continuation	SYSTEM AND METHOD FOR LAMINATING PHOTOVOLTAIC STRUCTURES	Abhay Maheshwari Raghunandan Chaware	14/321, 761 7/1/2014		12/888, 037	9/22/2010	abandoned
906RO-015300US	US	Non-provisional Application	SYSTEM AND METHOD FOR PLACEMENT OF PHOTOVOLTAIC STRIPS	Joe Wen Qi Zhang Frank Magana Douglas R. Battaglia, Jr.	12/888, 038 9/22/2010	8, 563, 848 10/22/2013			expired
A906RO-016000US	US	Design	SOLAR CELL GRID PATTERNDESIGN	Kevin R. Gibson Abhay Maheshwari	29/393, 341 6/2/2011				abandoned
906AA0160CN	CN	Foreign Design	Solar Cell	Kevin R. Gibson; Abhay Maheshwari	201130454958.5 12/2/2011	ZL201130454958.5 7/18/2012			expired
906RO-016210US	US	Design-CIP	FASTENER DESIGNS FOR SOLAR MODULES	Asher David Salomon Scott Paul Skinner	29/425, 228 6/20/2012		29/393, 340	6/2/2011	abandoned
A906RO-016300US	US	Non-provisional Application	PARTIALLY TRANSPARENT SOLAR CELL	Daniel S. Shugar Kevin R. Gibson	29/393, 343 6/2/2011				abandoned
906AA0163CN	CN	Foreign Design	Solar Cell	Daniel S. Shugar; Kevin R. Gibson	201130454953.2 12/2/2011	ZL201130454953.2 6/6/2012			expired
A906AA-018100US	US	Non-provisional Application	SOLAR MODULE WITH DIODE DEVICE FOR SHADING	Kevin R. Gibson	14/609, 307	1/29/2015			abandoned
A906RO-018100PC	US	PCT	SOLAR MODULE WITH DIODE DEVICE FOR SHADING	Kevin R. Gibson	PCT/US16/15800 1/29/2016		14/609, 307 14/869, 130	1/29/2015	expired
A906AA-018110US	US	CIP	SOLAR MODULE WITH DIODE DEVICE FOR SHADING	Kevin R. Gibson	14/869, 130 9/29/2015				abandoned
A906RO-018200US	US	Design	VERTICAL TILED SOLAR MODULE ARTICLE	Kevin R. Gibson Suvi Sharma Adam Detrick	29/540, 793 9/28/2015				abandoned
A906AA-0182D0CN	CN	Foreign Design	VERTICAL TILED SOLAR MODULE ARTICLE	Kevin R. Gibson Suvi Sharma Adam Detrick	2016300953638 3/28/2016	ZL 2016300953638 10/19/2016			abandoned

A906RO-0184D0JP	JP	Foreign Design	SOLAR MODULE ARTICLE	Adam Detrick Kevin R. Gibson	D2016-018967		29/565,432	5/20/2016	abandoned
906AA0185DUS1	US	Design	PATTERNED SOLAR MODULE ARTICLE	Kevin R. Gibson Adam Detrick	29/601,293 4/20/2017		29/553,308	1/29/2016	abandoned
A906RO-018700PV	US	Provisional	SOLAR MODULE HAVING A PLURALITY OF STRINGS CONFIGURED FROM A FIVE STRIP CELL	Kevin R. Gibson	62/349,535 6/13/2016				converted
A906RO-018800PV	US	Provisional	TILED SOLAR MODULE REPAIR PROCESS	Kevin R. Gibson Aureo Parilla Manny Castro	62/349,541 6/13/2016				converted
A906RO-018900PV	US	Provisional	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson Aureo Parilla Thomas Phu	62/349,547 6/13/2016				converted
906AA0189US3	US	Continuation	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson Aureo Parilla Thomas Phu	16/844,679	4/9/2020			abandoned
906AA0189US5	US	Continuation	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson Aureo Parilla Thomas Phu	16/983,936	8/3/2020			abandoned
906AA0189US6	US	Continuation	TILED SOLAR CELL LASER PROCESS	Kevin R. Gibson Aureo Parilla Thomas Phu	17/144,942	1/8/2021			abandoned
A906RO-0190D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	not filed				not filed
A906RO-0194D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	29/574,248 8/12/2016				abandoned
A906RO-0195D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	29/574,252 8/12/2016				abandoned
A906RO-0196D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	29/574,249 8/12/2016				abandoned
A906RO-0197D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	29/574,251 8/12/2016				abandoned
A906RO-0199D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	29/574,242 8/12/2016				abandoned
A906RO-0201D0US	US	Design	SOLAR CELL ARTICLE	Adam Detrick Kevin R. Gibson	29/574,253 8/12/2016				abandoned
A906RO-0202D0US	US	Design	SOLAR CELL ARTICLE	Kevin R. Gibson Adam Detrick	29/574,245 8/12/2016				abandoned
906AA0202DUS1	US	Design Continuation	SOLAR CELL ARTICLE	Kevin R. Gibson Adam Detrick	29/637,771	2/21/2018	29/574,245	8/12/2016	abandoned
A906RO-0203D0US	US	Design	SOLAR CELL ARTICLE	Kevin R. Gibson Adam Detrick	29/574,247 8/12/2016				abandoned
906AA0203DUS1	US	Design Continuation	SOLAR CELL ARTICLE	Kevin R. Gibson Adam Detrick	29/637,776	2/21/2018	29/574,247	8/12/2016	abandoned

906RO0205US	US	Non-provisional Application	SEPARATION PROCESS AND APPARATUS FOR PHOTOVOLTAIC STRIPS	Kevin R. Gibson Aureo Parilla Thomas Phu					cancelled
906AA0206US	US	Non-provisional Application	PHOTOVOLTAIC SYSTEM AND COMPONENTS	Kevin R. Gibson Nadeem Haque Jusong Wang Aureo Parilla	16/206,351	11/30/2018			abandoned
906AA0207US	US	Non-provisional Application	OPTIMIZED INTERFACE FOR PHOTOVOLTAIC MODULE AND SYSTEM EFFICIENCY	Adam Detrick Suvi Sharma Kevin R. Gibson Nadeem Haque	16/264,519	1/31/2019			abandoned
906AA0208US	US	Non-provisional Application	BIFACIAL PHOTOVOLTAIC MODULE	Adam Detrick Jusong Wang Nadeem Haque Kevin Gibson	16/384,800	4/15/2019			abandoned
906AA0208KR	KR	Foreign	BIFACIAL PHOTOVOLTAIC MODULE	Adam Detrick Jusong Wang Nadeem Haque Kevin Gibson	10-2020-7032833	11/13/2020			abandoned
906AA0208AU	AU	Foreign	BIFACIAL PHOTOVOLTAIC MODULE	Adam Detrick Jusong Wang Nadeem Haque Kevin Gibson	AU2019253113	10/30/2020			abandoned
906AA0208EP	EP	Foreign	BIFACIAL PHOTOVOLTAIC MODULE	Adam Detrick Jusong Wang Nadeem Haque Kevin Gibson	19784405.3	11/10/2020			abandoned
906AA0209DUS	US	Design	SOLAR CELL	Nadeem Haque Chris Sontag	29/646,603	5/4/2018			abandoned
906AA0209DKR	KR	Foreign Design	SOLAR CELL	Nadeem Haque Chris Sontag	30-2018-0050693		29/646,603	5/4/2018	abandoned
906AA0210DUS	US	Design	SOLAR CELL	Nadeem Haque Chris Sontag	29/646,604	5/4/2018			abandoned
906AA0210DKR	KR	Foreign Design	SOLAR CELL	Nadeem Haque Chris Sontag	30-2018-0050698		29/646,604	5/4/2018	abandoned
906AA0212US	US	Non-provisional	DISTRIBUTED LEDGER SYSTEM FOR EXCHANGING INFORMATION FOR SOLAR PANELS USING A CRYPTOCURRENCY	Suvi Sharma	16/279,906 2/19/2019		62/634,127	2/22/2018	abandoned
906AA0215PC	WO	PCT	SHINGLED SOLAR CELL WITH LOW FINGER PITCH	Denis DE CEUSTER Kevin GIBSON	PCT/US20/35951	6/3/2020			expired

906AA0217DUS	US	Design	PHOTOVOLTAIC MODULE AND SUPPORTING SURFACE	Adam Detrick Siti Zulch Suvi Sharma	29/7/01,985 8/15/2019	8/15/2019			abandoned
906AA0220PV	US	Provisional	HIGH POWER LIGHTWEIGHT SHINGLE PANEL	Nadeem Haque Vishal Chandrasekar Michael Lau	63/013,410	4/21/2020			expired
906AA0225PV	US	Provisional	METHOD FOR SIDE TREATMENT IN PHOTOVOLTAIC SOLAR CELLS	Arnaud Lepert Liji Wang	63/148,064	2/10/2021			expired

Foreign Matters Previously Handled by Kangxin

Previous Ref. No.	Type	Title	Inventor	App No. Filing Date	Publication No.	Patent No. Issued Date	Priority	first filing date	Remarks & All action items
906RO-015900IN-D1	Design	Frameless Concentrated Solar Module Design	Daniel Shugar, Kevin R. Gibson; Abhay Maheshwari	240935 11/24/2011		240935; 02/11/2013	29/392,618	5/24/2011	Annuity DUE 5/24/2021; according to Kevin Gibson's instruction of November 18, 2017, we have abandoned this case.
906RO-015900IN-D2	Design	Frameless Concentrated Solar Module Design	Daniel Shugar; Kevin R. Gibson; Abhay Maheshwari	240936 11/24/2011		240936; 12/17/2012	29/392,618	5/24/2011	Renewal due on May 24, 2021

906RO-000200CN	Patent	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	200680020047.8 6/5/2006 (Chinese National Entry Date: 12/6/2007)	CN 101194368A		60/688,077 11/445,933 11/445,948	2005-6-6 2006-6-2 2006-6-2	11/27/09 fa ack: Per email dated 11/20/09, dehi inst FA not to incur further cost unless otherwise inst'd - pac (11/24/09); Decision of Rejection mailed 7/5/2011; sent comments to CN 10/19 Under Re-Examination According to Solaria Corporation's instruction dated June 20, 2013, we have closed this patent.
906RO-000200EP	Patent	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	6760692.1 6/5/2006					Inactive - Abandoned- Published
906RO-000200IN	Patent	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	8000/DELNP/2006 6/5/2006					Per email dated 11/20/09, dehi inst FA not to incur further cost unless otherwise inst'd - pac (11/24/09)
906RO-000200JP	Patent	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	2008-515807 6/5/2006					Inactive - Abandoned- Published
906RO-000200KR	Patent	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	10-2007-7028873 6/5/2006					Inactive - Abandoned

906RO-000200PC	PCT	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	PCT/US06/21803 6/5/2006				60/688077 11/445833 11/445948	6/6/2005	Inactive - Expired
906RO-000200PH	Patent	Method and System for Integrated Solar Cell Using A Plurality of Photovoltaic Regions	Kevin R. Gibson	12007501911 6/5/2006						Pending - Published Annuity: Next: 12/14/2010 Annuity: End of Grace (Final): 06/14/2011 sent reminder : 11/30/2010 Annuity pay order sent: 12/6/2010 Foreign Invoice received: 12/7/2010 abandoned : 12/8/2010
906RO-000200TW	Patent	Method and System for Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson	95132548 9/4/2006						Inactive - Abandoned- Published
906RO-000320CN	Patent	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funnell	200680026582.4 7/26/2006 (Chinese National Entry Date: 1/21/2008)	CN 101548393A			60/702,728 11/493,380	2005-7-26 2006-7-25	Inactive - Abandoned
906RO-000320EP	Patent	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funnell	6788645.7 7/26/2006						Inactive - Abandoned- Published

906RO-000320IN	Patent	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funcell	7998/DELNP/2006 7/26/2006					Inactive - Abandoned- Published
906RO-000320JP	Patent	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funcell	2008-524140 7/26/2006					Inactive - Abandoned- Published
906RO-000320PC	PCT	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funcell	PCT/US06/29164 7/26/2006		60/702,728 11/493,380	7/26/2005		Inactive - Expired
906RO-000320PH	Patent	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funcell	12007501912 7/26/2006					Annuitiy: Next: 02/01/2011 Annuitiy: End of Grace (Final Deadline): 08/01/2011 sent reminder : 11/30/2010 Annuitiy pay order sent: 12/6/2010 Foreign Invoice received: 12/7/2010 abandoned : 12/8/2010
906RO-000320TW	Patent	Method and System for Manufacturing Solar Panels Using an Integrated Solar Cell Using a Plurality of Photovoltaic Regions	Kevin R. Gibson Alelie Funcell	95127268 7/26/2006					Inactive - Abandoned- Published

906RO-000510CN	Patent	Method and System for Assembling a Solar Cell Using a Plurality of Photovoltaic Regions	200680032012.6 09/11/2006 (Chinese National Entry Date:2/29/2008)	CN 101253643A	ZL200680032012.6 06/09/2010	60/716,411 11/402,490	2005-9--12 2006-4-11	5th Annuity paid by TTC : confirmed 12/7/2010 6th Annuity DUE: 9/11/2011 (PAID 8/31 through CN associate) 7th Annuity DUE 9/11/2012; 7th Annuity paid on 6/18/2012 8th Annuity DUE 9/11/2013, abandoned : 8/12/2013
906RO-000510EP	Patent	Method and System for Assembling a Solar Cell Using a Plurality of Photovoltaic Regions	06824958.0 09/11/2006					Inactive - Abandoned
906RO-000510IN	Patent	Method and System for Assembling a Solar Cell Using a Plurality of Photovoltaic Regions	387/MUMNP/2008 09/11/2006					Inactive - Abandoned
906RO-000510PC	PCT	Method and System for Assembling a Solar Cell Using a Plurality of Photovoltaic Regions	PCT/US06/35793 09/11/2006			60/716,411 11/402,490	9/12/2005	Inactive - Expired

906RO-000510PH	Patent	Method and System for Assembling a Solar Cell Using a Plurality of Photovoltaic Regions	Alelie Funcell	12007501913 09/11/2006					Annuity: Next: 03/22/2011 Annuity: End of Grace (Final Deadline): 09/22/2011 sent reminder : 11/30/2010 Annuity pay order sent: 12/6/2010 Foreign Invoice received: 12/7/2010 abandoned : 12/8/2010 Ogawa's email(10/14): Solania gave up on this. Ogawa'll confirm with Solania
906RO-001300CN	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	200630014244.1 5/18/2006	CN 300704559 S	ZL200630014244.1 10/31/2007			Annuity: End of Grace (Final Deadline): 11/18/2010 -> re-inst 11/2 (pay) (Completed) CN invoice received, reported to client: 12/9 6th Annuity paid through CPI: 5/3/2011; (fee : (\$281/184) 7th Annuity paid on 2/21/2012 8th Annuity DUE 5/18/2013. Kangxin is only responsible for annuity of this patent, and according to the patentee's instruction dated January 29, 2015, we have closed this patent.

906RO-001300EU	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	524657 5/8/2006		524657-0001 5/8/2006			Annuity: Next: 05/31/2011 (Estimate : 168 pounds) (every 5 years) Annuity: End of Grace (Final Deadline): 11/30/2011: .rec-inst. (abandon) 4/27
906RO-001300JP	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	2006-12635 5/18/2006		1295428 2/2/2007			Annuity: Next: 02/02/2013 6th Annuity paid on 12/28/2011
906RO-001301JP	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	2006-12636 5/18/2006		1295429 2/2/2007			go abandoned 1/26/2011
906RO-001302JP	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	2006-12637 5/18/2006		1295430 2/2/2007			go abandoned 1/26/2011
906RO-001310EU	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	524657 05/08/2006		524657-0002 5/8/2006			Design turn into 2 more designs, matters 001300EU & 001320EU-m3d; Annuity: Next: 05/31/2011 Annuity: End of Grace (Final Deadline): 11/30/2011: .rec-inst. (abandon) 4/27
906RO-001320EU	Design	Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	524657 05/08/2006		524657-0003 5/8/2006			Design turn into 2 more designs, matters 001300EU & 001310EU-m3d; Annuity: Next: 05/31/2011 Annuity: End of Grace (Final Deadline): 11/30/2011: .rec-inst. (abandon) 4/27

906RO-001800CN	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	200630014243.7 5/18/2006		ZL200630014243.7 8/8/2007			Annuity: End of Grace (Final Deadline): 11/18/2010 -> re-inst 11/2 (pay) (Completed) CN invoice received, reported to client: 12/9; rec-inst. (abandon) 4/27
906RO-001800EU	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	000534011-0001 5/18/2006		000534011-0001 5/18/2006			Annuity: Next: 05/31/2011 Annuity: End of Grace (Final Deadline): 11/30/2011; rec-inst. (abandon) 4/27
906RO-001800EU	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	000534011-0002 5/18/2006		000534011-0002 5/18/2006			Annuity: Next: 05/31/2011 Annuity: End of Grace (Final Deadline): 11/30/2011; rec-inst. (abandon) 4/27
906RO-001800EU	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	000534011-0003 5/18/2006		000534011-0003 5/18/2006			Annuity: Next: 05/31/2011 Annuity: End of Grace (Final Deadline): 11/30/2011; rec-inst. (abandon) 4/27
906RO-001800JP	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	2006-12629 5/18/2006		1295425 2/2/2007			Annuity: Next: 02/02/2013 6th Annuity paid on 12/28/2011
906RO-001801CN	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	200730157956.3 5/18/2006		ZL200730157956.3 8/6/2008			Annuity: End of Grace (Final Deadline): 11/18/2010 -> re-inst 11/2 (pay) (Completed) CN invoice received, reported to client: 12/9; rec-inst. (abandon) 4/27
906RO-001801JP	Design	Rectangular Solar Cell Design	Suvi Sharma Alelie Funcell Kevin R. Gibson	2006-12631 5/18/2006		1295426 2/2/2007			go abandoned 1/26/2011

906RO-001802JP	Design	Rectangular Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	2006-12632 5/18/2006		1295427 2/2/2007			go abandoned 1/26/2011
906RO-001803JP	Design	Rectangular Solar Cell Design	Suvi Sharma Alelie Funcell Kevin R. Gibson	2006-12630 5/18/2006					Per email dated 11/20/09, deh inst FA not to incur further cost unless otherwise inst'd - pac (11/24/09); Appln Withdrawn 2/20/2007
906RO-001804JP	Design	Rectangular Solar Cell Design	Suvi Sharma Alelie Funcell Kevin R. Gibson	2006-12633 5/18/2006					Per email dated 11/20/09, deh inst FA not to incur further cost unless otherwise inst'd - pac (11/24/09); Appln Withdrawn 2/20/2007
906RO-001805JP	Design	Rectangular Solar Cell Design	Suvi Sharma Alelie Funcell Kevin R. Gibson	2006-12634 5/18/2006					Per email dated 11/20/09, deh inst FA not to incur further cost unless otherwise inst'd - pac (11/24/09); Appln Withdrawn 2/20/2007
906RO-005810PC	PCT	Method and System for Assembling a Solar Cell Package	Kevin R. Gibson Ramon Rosal Reglos	PCT/US2008/05916 7 4/2/2008		60/909,691 60/909,692 12/060,801	4/2/2007		Inactive - Abandoned- Published

								Examination requested (5/21/2010) Response: 10/15/2010 (Completed) : Don't need voluntary AMD response to OA : 4/16/2011 (1-2 M extension obtainable once only) reported to Client: 12/9/2010 1st instruction sent : 1/6/2011 received translation 1/12/2011 sent comments on OA to CN: 6/13; Resp. to OA filed 6/16; 2nd OA received 8/31/2011; sent rem. 9/14; instructed assoc. to send ENG trans. 9/15; rec. comments from CN 10/21; response to OA2 filed by Unitalen Attorneys at Law:11/15/2011; response to OA3:5/7/2012
906RO-007310CN	Patent	Concentrating Module and Method of Manufacture for Photovoltaic Strips	Kevin R. Gibson	200880021196.5 5/19/2008	CN 101715607 B	ZL 200880021196.5 10/24/2012	60/939,089 12/121,788	2007-5-21 2008-5-16
906RO-007310IN	Patent	Concentrating Module and Method of Manufacture for Photovoltaic Strips	Kevin R. Gibson	8061/DELNP/2009 5/19/2008				First examination report was issued on June 20, 2017
906RO-007310PC	PCT	Concentrating Module and Method of Manufacture for Photovoltaic Strips	Kevin R. Gibson	PCT/US2008/06413 2 5/19/2008			60/939089 12/121788	5/21/2007 Inactive - Expired
906RO-007510PC	PCT	Notch Structure for Concentrating Module and Method of Manufacture Using Photovoltaic Strips	Kevin R. Gibson	PCT/US2008/07513 4 9/3/2008			60/969949 12/200,921	9/5/2007 Inactive - Expired

906RO-007610PC	PCT	Solar Cell Structure Including a Plurality of Concentrator Elements with a Notch Design and Predetermined Radii and Method	Kevin R. Gibson	PCT/US2008/059170 4/2/2008			11/695,566 60/969,949 61/019,135 12/060,769	4/2/2007	Inactive - Expired
906RO-008710CN	Design	Shaped Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	200830002210.X 1/28/2008		ZL200830002210.X 4/21/2010			Annuity: Next: 01/28/2012 5th Annuity paid on 1/18/2012
906RO-008710EU	Design	Shaped Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	869334 1/28/2008		869334-0001 1/28/2008			Annuity: Next: 01/31/2013 Annuity: End of Grace (Final Deadline): 07/31/2013
906RO-008710IN	Design	Shaped Solar Cell Package Design	Suvi Sharma Kevin R. Gibson Alelie Funcell	214443 1/25/2008		214443 1/25/2008			Renewed upto maximum possible duration i.e. until July 26, 2022. No further extension is possible

906RO-009210CN	Patent	Method and Apparatus for Manufacturing Solar Concentrators Using Glass Process	Kevin R. Gibson	200880107248.0 7/25/2008	CN 101918331 B	ZL200880107248.0 11/13/2013	60/954,021 12/178,561	2007-8-6 2008-7-23	Pending - Examination requested: 8/6/2010 Published: No Voluntary amendment 4/1/2011 HK registration (cease): rec-inst (5/12) response to OA1: 10/12/2012 due to response to OA2: 2/4/2013 Response to OA2: 2/4/2013 the patent registration fees DUE 10/21/2013 8th Annuity DUE 7/25/2015 8th annuity paid on 7/20/2015 9th Annuity DUE 7/25/2016 9th annuity paid on 6/23/2016 10th Annuity DUE 7/25/2017.
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906RO-009210EP	Patent	Method and Apparatus for Manufacturing Solar Concentrators Using Glass Process	Kevin R. Gibson	8796600.8 7/25/2008	EP2176179		60/954,021 12/178,561	2007-8-6 2008-07-23	Published on April 21, 2010 5th Renewal fee has been paid Kevin Gibson instructed on July 9, 2013 that the applicant will revisit the option to pay the 6th annuity in December by paying a penalty. According to Maye's instruction of January 7, 2014, 6th annuity should not be paid and the application was lapsed on January 31 2014
906RO-009210IN	Patent	Method and Apparatus for Manufacturing Solar Concentrators Using Glass Process	Kevin R. Gibson	1076/DELNP/2010 7/25/2008					Pending - Examination requested
906RO-009210PC	PCT	Method and Apparatus for Manufacturing Solar Concentrators Using Glass Process	Kevin R. Gibson	PCT/US2008/07112 7 7/25/2008			60/954021 12/178561	8/6/2007	Inactive - Expired

								invoice (annuity) from CN rec. 4/14 Annuity: Next: 04/03/2012 4th Annuity paid on 1/16/2012 5th annuity paid on 3/4/2013 6th Annuity DUE 4/3/2014 6th annuity paid on 3/12/2014 7th Annuity DUE 4/3/2015 7th annuity paid on 3/23/2015 8th Annuity DUE 4/3/2016 8th annuity paid on 3/7/2016 9th Annuity DUE 4/3/2017 9th annuity, the late fine and the restore fee CNY7287(USD1121) DUE 2/23/2018 According to the patentee's instruction date March 28, 2017, we have closed this patent.
906RO-010600CN	Design	Concentrated Module Design	Kevin R. Gibson Abhay Maheshwari	200930003780.5 4/3/2009	CN 301262966 S	ZL200930003780.5 2010-06-16	29/332.533	2/18/2009
906RO-010600EU	Design	Concentrated Module Design	Kevin R. Gibson Abhay Maheshwari	1156517-0001 7/27/2009				Annuity: Next: 07/27/2014 Annuity: End of Grace (Final Deadline): 01/27/2015

906RO-010600IN	Design	SOLAR PANEL	Kevin R. Gibson Abhay Maheshwari	228818 4/23/2010		228818 4/23/2010			15th Annuity: 12/30/2017 Annuity: End of Grace (Final Deadline): 06/30/2018 Resp. to Acceptance sent to India : 10/21/2010; additional OA-sent inst. 3/17 (title changed) Renewal due on April 23, 2020
906RO-010600JP	Design	Solar Cell Panel	Kevin R. Gibson Abhay Maheshwari	2009-18717 8/17/2009					11/20/9 DEH emailed F/A to hold off work & incur no expense-ess; instructions sent to JP 6/27
906RO-010601EU	Design	Concentrated Module Design	Kevin R. Gibson Abhay Maheshwari	1156517-0002 07/27/2009					Annuity: Next: 07/27/2014 Annuity: End of Grace (Final Deadline): 01/27/2015 Design matured into 4 registrations (matters 600, 601, 602, 603)-m3d
906RO-010601IN	Design	SOLAR PANEL	Kevin R. Gibson Abhay Maheshwari	228819 4/23/2010		228819 4/23/2010			Renewal due on April 23, 2020
906RO-010601JP	Design- Div	Solar Cell Panel	Kevin R. Gibson Abhay Maheshwari	2011-14773 6/29/2011					DIV of 906RO- 01600JP; inst. sent to JP 6/27
906RO-010602EU	Design	Concentrated Module Design	Kevin R. Gibson Abhay Maheshwari	1156517-0003 07/27/2009					Annuity: Next: 07/27/2014 Annuity: End of Grace (Final Deadline): 01/27/2015 Design matured into 4 registrations (matters 600, 601, 602, 603)-m3d
906RO-010602IN	Design	SOLAR MODULE	Kevin R. Gibson Abhay Maheshwari	228820 4/23/2010		228820 4/23/2010			Renewal due on April 23, 2020
906RO-010602JP	Design- Div	Solar Cell Panel	Kevin R. Gibson Abhay Maheshwari	2011-14774 6/29/2011					DIV of 906RO- 01600JP; inst. sent to JP 6/27

906RO-010603EU	Design	Concentrated Module Design	Kevin R. Gibson Abhay Maheshwari	1156517-0004 07/27/2009					Annuity: Next: 07/27/2014 Annuity: End of Grace (Final Deadline): 01/27/2015 Design matured into 4 registrations (matters 600, 601, 602, 603)-m3d
906RO-010603IN	Design	SOLAR PANEL	Kevin R. Gibson Abhay Maheshwari	228821 4/23/2010		228821: 12/18/2012			Annuity: Next: 02/18/2019 Annuity: End of Grace (Final Deadline): 08/18/2019 Response to Acceptance (final deadline): 1/23/2011 (w/ 3M extension); received invoice from IN Response sent to India : 1/12/2011 (title changed) Renewal due on April 23, 2020
906RO-010603JP	Design- DIV	Solar Cell Panel	Kevin R. Gibson Abhay Maheshwari	2011-14775 6/29/2011					DIV of 906RO- 01600JP: Inst. sent to JP 6/27
906RO-010604IN	Design	SOLAR MODULE	Kevin R. Gibson Abhay Maheshwari	228822 4/23/2010		228822 4/23/2010			Annuity: Next: 04/15/2018 Annuity: End of Grace (Final Deadline): 10/15/2018 Resp. to Acceptance sent to India : 10/21/2010; additional OA-sent inst. 3/17 (title changed) Renewal due on April 23, 2020

906RO-010605IN	Design	SOLAR PANEL	Kevin R. Gibson Abhay Maheshwari	228823 4/23/2010		228823 4/23/2010			Annuity: Next: 06/30/2018 Annuity: End of Grace (Final Deadline): 12/30/2018 Resp. to Acceptance sent to India : 1/12/2011; additional OA-sent inst. 3/17(title changed) Renewal due on April 23, 2020
906RO-010606IN	Design	SOLAR PANEL	Kevin R. Gibson Abhay Maheshwari	228824 4/23/2010		228824 4/23/2010			Annuity: Next: 04/9/2018 Annuity: End of Grace (Final Deadline): 10/9/2018 Resp. to Acceptance sent to India : 10/21/2010; additional OA-sent inst. 3/17(title changed) Renewal due on April 23, 2020
906RO-010607IN	Design	SOLAR PANEL	Kevin R. Gibson Abhay Maheshwari	228825 4/23/2010		228825 4/23/2010			Annuity: Next: 04/14/2018 Annuity: End of Grace (Final Deadline): 10/14/2018 Resp. to Acceptance sent to India : 1/12/2011; additional OA-sent inst. 3/17(title changed) Renewal due on April 23, 2020

906RO-010700CN	Design	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	200930003781.X 4/3/2009	CN 301397653 S	ZL200930003781.X 12/01/2010	29/332.532	2/18/2009	No DIV appln. Due on 10/11/2010 (Completed) Allowed Grant Fee: 10/11/2010 (Completed) Patent Certificate received 1/4/2011 invoice(Annuity) from CN rec. 4/14 Annuity: Next: 04/03/2012 4th Annuity paid on 1/16/2012 5th annuity paid on 3/4/2013 6th Annuity DUE 4/3/2014 6th annuity paid on 3/12/2014 7th Annuity DUE 4/3/2015 7th annuity paid on 3/23/2015 8th Annuity DUE 4/3/2016 8th annuity paid on 3/7/2016 9th Annuity DUE 4/3/2017 9th annuity, the late fine and the restore fee
906RO-010700EU	Design	Solar cells (part of-)	Kevin R. Gibson Abhay Maheshwari	1160147-0001 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015

906RO-010700IN	Design	System for Concentrator Module	Kevin R. Gibson Abhay Maheshwari	228602 4/15/2010		228602; 03/28/2013			Pending Office response(final deadline): 1/15/2011 (w/ 3M extension), sent instruction 1/11/2011 response filed 1/12/2011 received invoice from IN Renewal due on April 15, 2020
906RO-010700JP	Design	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	2009-18738 8/18/2009					Per email dated 11/20/09, deh inst FA not to incur further cost unless otherwise inst'd - pac (11/24/09); instructions sent to JP 6/27
906RO-010701IN	Design	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	228603 4/15/2010		228603 4/15/2010			Pending Office response(final deadline): 1/15/2011 (w/ 3M extension), sent instruction 1/11/2011 response filed 1/12/2011, Design Certificate received 4/5, second term extension-sent inst. to IN 4/12
906RO-010701JP	Design-DIV	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	2011-14777 6/29/2011					DIV of 906RO-010700JP: inst sent to JP 6/27
906RO-010702IN	Design	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	228604 4/15/2010		228604 4/15/2010			Pending Office response(final deadline): 1/15/2011 (w/ 3M extension) response filed 1/13/2011 second term extension-sent inst. to IN 4/12

906RO-010702JP	Design-Div	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	2011-14778 6/29/2011					DIV of 906RO-010700JP. Inst sent to JP 6/27
906RO-010703IN	Design	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	228605 4/15/2010	228605 4/15/2010				Pending Office response(final deadline): 1/15/2011 (w/ 3M extension); response filed 1/13/2011 second term extension-sentinst. to IN 4/12
906RO-010703JP	Design-Div	System for Concentrator Module Design	Kevin R. Gibson Abhay Maheshwari	2011-14779 6/29/2011					DIV of 906RO-010700JP. Inst sent to JP 6/27
906RO-010710EU	Design	Solar cells (part of-)	Kevin R. Gibson Abhay Maheshwari	1160147-0002 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015
906RO-010720EU	Design	Solar cells (part of-)	Kevin R. Gibson Abhay Maheshwari	1160147-0003 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015
906RO-010730EU	Design	Solar cells (part of-)	Kevin R. Gibson Abhay Maheshwari	1160147-0004 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015
906RO-010740EU	Design	Solar cells (part of-)	Kevin R. Gibson Abhay Maheshwari	1160147-0005 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015
906RO-010750EU	Design	Solar cells (part of-)	Kevin R. Gibson Abhay Maheshwari	1160147-0006 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015

906RO-010760EU	Design	Solar cells (part of -)	Kevin R. Gibson Abhay Maheshwari	1160147-0007 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015
906RO-010770EU	Design	Solar cells (part of -)	Kevin R. Gibson Abhay Maheshwari	1160147-0008 8/18/2009					Annuity: Next: 08/18/2014 Annuity: End of Grace (Final Deadline): 02/18/2015
906RO-010780EU	N/A	Method and System for Concentrated Module	Kevin R. Gibson Abhay Maheshwari	Not Yet Available 8/18/2009			N/A	N/A	due to response to OA1:9/28/2013 due to response to OA2:4/27/2014 due to response to OA3:1/4/2015 According to Mr. Kevin Gibson's instruction dated January 1, 2015, we abandoned this patent.
906RO-010810CN	Patent	Large Area Concentrator Lens Structure and Method	Kevin R. GIBSON; Abhay MAHESHWARI	201080008763.0 2/22/2010 (Chinese National Entry Date:8/22/2011)	CN 102326263 A		61/154,357 ; 12/709,438	2009-2-20 2010-2-19	
906RO-010810EP	Patent	LARGE AREA CONCENTRATOR LENS STRUCTURE AND METHOD	Kevin R. GIBSON; Abhay MAHESHWARI	10744440.8 8/26/2011			61/154,357 12/709,438	2009-2-20 2010-2-19	
906RO-010810IN	Patent	LARGE AREA CONCENTRATOR LENS STRUCTURE AND METHOD	Kevin R. GIBSON; Abhay MAHESHWARI	6803/DELNP/201 1 9/6/2011			61/154,357 12/709,438	2009-2-20 2010-2-19	

906RO-010810PC	PCT	Large Area Concentrator Lens Structure and Method	Kevin R. Gibson Abhay Maheshwari	PCT/US2010/024 943 2/22/2010			61/154357 12/709438	2/20/2009	Response to Written Opinion (Optional): 12/20/2010 Chapter 1 National Phase Deadline : 11/20/2010 Chapter 2 National Phase Deadline: 08/20/2011; No national phase 8/18; Foreign: CN/EP - client (Rosalinda) will handle (8/21)
906RO-015200CN	Utility model	Laminating Photovoltaic Structures	Abhay MAHESHWARI; Raghunandan CHAWARE	201120555389.8 12/27/2011	CN 202601654 U	ZL 201120555389.8 12/12/2012			Filed the application on 12/27/2011. the patent registration fees paid on 10/26/2012 3rd Annuity paid on 1/23/2013 4th Annuity due:12/27/2014 5th Annuity due:12/27/2015 5th Annuity paid on 11/27/2015 6th Annuity due:12/27/2016 According to Mr. Kevin Gibson's instruction dated November 29, 2016, we abandoned this patent.
906RO-015200JP	Patent	SYSTEM AND METHOD FOR LAMINATING PHOTOVOLTAI C STRUCTURES	Abhay MAHESHWARI Raghunandan CHAWARE	2011-289865 12/28/2011					

								Filed the application on 12/30/2011; response to Correction:12/27/2012
906RO-015400CN	Utility model	Photovoltaic Devices Having Shaped Concentrator Members	Daniel SHUGAR, Abhay MAHESHWARI	201190000101.9 10/17/2011 (Chinese National Entry Date:12/30/2011)	CN 202930412 U	ZL201190000101.9 05/08/2013	12/982,077	12/30/2010 the patent registration fees DUE 4/8/2013 the patent registration fees paid on 4/2/2012 3rd Annuity due:10/17/2013 4th Annuity due:10/17/2014 5th Annuity due:10/17/2015 5th Annuity paid on 9/29/2015 6th Annuity due:10/17/2016 According to Mr. Kevin Gibson's instruction dated September 15, 2016, we are not responsible for this patent, and we have not received
906RO-015400JP	Utility model	Photovoltaic Devices Having Shaped Concentrator Members	Daniel SHUGAR, Abhay MAHESHWARI	awaiting application number 12/28/2011			12/982,077	12/30/2010

								Filed the application on 12/30/2011; response to Correction: 12/27/2012
906RO-015500CN	Utility model	High Impact and Load Bearing Solar Glass for a Concentrated Large Area Solar Module and Method	Abhay Maheshwari Kevin R. Gibson	201190000102.3 10/17/2011 (Chinese National Entry Date: 12/30/2011)	CN 202930413 U	ZL201190000102.3 05/08/2013	12/982,257	12/30/2010 the patent registration fees DUE 4/8/2013 the patent registration fees paid on 4/2/2012 3rd Annuity due: 10/17/2013 4th Annuity due: 10/17/2014 5th Annuity due: 10/17/2015 5th Annuity paid on 9/29/2015 6th Annuity due: 10/17/2016 According to Mr. Kevin Gibson's instruction dated September 15, 2016, we are not responsible for this patent, and we have not received
906RO-015500JP	Utility model	High Impact and Load Bearing Solar Glass for a Concentrated Large Area Solar Module and Method	Abhay Maheshwari Kevin R. Gibson	awaiting application number 12/28/2011			12/982,257	12/30/2010

906RO-015900CN	Design	Concentrated Solar Module	Daniel Shugar; Kevin R. Gibson; Abhay Maheshwari	201130437377.0 11/24/2011	CN 302020138 S	ZL 201130437377.0 08/01/2012	29/392,618	5/24/2011	Filed the application on 11/24/2011; the patent registration fees paid on 6/11/2012 2nd Annuity paid on 9/11/2012 3rd Annuity DUE11/24/2013 4th Annuity DUE11/24/2014 5th Annuity DUE11/24/2015 5th Annuity paid on 11/17/2015 6th Annuity DUE11/24/2016 According to Mr. Kevin Gibson's instruction dated October 25, 2016, we abandoned this patent.
906RO-015900IT	Design	Frameless Concentrated Solar Module Design	Daniel Shugar; Kevin R. Gibson; Abhay Maheshwari	TO20110000064 11/24/2011		99296; 01/17/2013	29/392,618	5/24/2011	Annuity due 11/30/2016
906RO-015900JP	Design	FRAMELESS CONCENTRATE D SOLAR MODULE DESIGN	Daniel Shugar; Kevin R. Gibson; Abhay Maheshwari	2011-023920 10/18/2011			29/392,618	5/24/2011	According to Mr. Kevin Gibson's instruction dated January 11, 2014, we abandoned this patent.
906RO-016000IN-D1	Design	Solar Cell Grid Pattern Design	Kevin R. Gibson; Abhay Maheshwari	241124 11/30/2011			29/393,341	6/2/2011	
906RO-016000IN-D2	Design	Solar Cell Grid Pattern Design	Kevin R. Gibson; Abhay Maheshwari	241125 11/30/2011			29/393,341	6/2/2011	
906RO-016300DE	Design	Partially Transparent Solar Cell Design	Daniel S. Shugar; Kevin R. Gibson	402011006360.3 12/2/2011			29/393,343	6/2/2011	Annuity due 12/31/2016
906RO-016300IN-D1	Design	Partially Transparent Solar Cell Design	Daniel S. Shugar; Kevin R. Gibson	241200 12/2/2011			29/393,343	6/2/2011	

906RO-016300IN-D2	Design	Partially Transparent Solar Cell Design	Daniel S. Shugar; Kevin R. Gibson	241201 12/2/2011			29/393,343	6/2/2011	
906RO-016300IN-D3	Design	Partially Transparent Solar Cell Design	Daniel S. Shugar; Kevin R. Gibson	241202 12/2/2011			29/393,343	6/2/2011	
906RO-016300IN-D4	Design	Partially Transparent Solar Cell Design	Daniel S. Shugar; Kevin R. Gibson	241203 12/2/2011			29/393,343	6/2/2011	
906RO-016110CN	Utility model	Method and System for Mounting Solar Panels	Scott Skinner; Asher Salomon	201220462920.1 9/11/2012	CN 203242643 U	ZL 201220462920.1 10/16/2013	13/471,397	5/14/2012	Filed the application on 9/11/2012; Response to Correction 5/23/2013 the patent registration fees DUE 9/9/2013 3rd Annunity DUE 9/11/2014 4th Annunity DUE 9/11/2015 5th Annunity DUE9/11/2016 According to Mr. Kevin Gibson's instruction dated May 27, 2017, we abandoned this patent.

906RO-016410CN	Utility model	Photovoltaic Strip Solar Modules and Methods	Ajay Marathe; Douglas R. Battaglia; Frank Magana; Raghunandan Chaware	201220315296.2 6/28/2012	CN 202977481 U	ZL201220315296.2 06/05/2013	61/502,282 13/360,562	2011-6-28 2012-1-27	Filed the application on 6/28/2012: response to Correction:1/15/2013 the patent registration fees DUE 5/21/2013 the patent registration fees paid on 4/26/2013 4th Annuity DUE 6/28/2015 4th annuity paid on 6/5/2015 5th Annuity DUE 6/28/2016 5th annuity paid on 5/30/2016 6th Annuity DUE 6/28/2017 Grace period deadline 12/28/2017 CNY2768(USD426) According to Mr. Kevin Gibson's instruction dated
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906RO-016700CN	Design	packing box	Saragarvani PAKERIASAMY	201230267995.X 6/21/2012		ZL201230267995.X 01/16/2013	29/409,554	12/23/2011	Filed the application on 6/21/2012; the patent registration fees paid on 11/29/2012 2nd Annunity DUE6/21/2013 2nd Annunity paid on 5/21/2013 3rd Annunity DUE6/21/2014 According to Mr. Kevin Gibson's instruction dated March 07, 2015, we abandoned this patent.
906RO-016700CN	Design	support member for packing box	Saragarvani PAKERIASAMY	201230267998.3 6/21/2012		ZL201230267998.3 01/02/2013	29/409,554	12/23/2011	Filed the application on 6/21/2012; the patent registration fees paid on 11/16/2012 2nd Annunity DUE6/21/2013 2nd Annunity paid on 6/18/2013 3rd Annunity DUE6/21/2014 According to Mr. Kevin Gibson's instruction dated March 07, 2015, we abandoned this patent.

906RO-016600CN-UM	Utility model	A Solar Panel	Leeelaprasanna Mandalapu Jayaramulu	201220731146.X 12/26/2012	CN 203445139 U	ZL201220731146.X 02/19/2014		Filed the application on 12/26/2012: Due to response to Correction 7/11/2013 Response to Correction 7/11/2013 Due to response to Correction 10/24/2013 the patent registration fees DUE 1/13/2014 the patent registration fees paid on 1/13/2014 3rd Annuity DUE12/26/2014 4th Annuity DUE12/26/2015 4th Annuity paid on 11/26/2015 5th Annuity DUE12/26/2016 6th Annuity DUE12/26/2017 According to Mr. Kevin Gibson's
906RO-011610PC	Patent	Solar Module Window Shade Apparatus and Method	1. Kevin R. Gibson 2. Daniel S. Shugar	11857446.6 12/06/2013		13/019,172	2/1/2011	Filed the application on 12/6/2013: Received the European Search Report on 3/12/2015: Responded to the EPO's search Report on September 30, 2015 7th Annuity DUE:6/9/2017