

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7758319

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SUNPOWER CORPORATION	12/14/2022
RECEIVING PARTY DATA		
Name:	MAXEON SOLAR PTE. LTD.	
Street Address:	8 MARINA BOULEVARD	
Internal Address:	#05-02, MARINA BAY FINANCIAL CENTRE	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	018981	
PROPERTY NUMBERS Total: 273		
Property Type	Number	
Application Number:	14228646	
Application Number:	14292454	
Application Number:	15362045	
Application Number:	15396246	
Application Number:	15396098	
Application Number:	15476814	
Application Number:	15859073	
Application Number:	15976414	
Application Number:	16377000	
Application Number:	16377074	
Application Number:	16295995	
Application Number:	16377077	
Application Number:	16381482	
Application Number:	16594417	
Application Number:	16585919	
Application Number:	16586509	
Application Number:	16679012	
Application Number:	16832762	
Application Number:	16815844	

PATENT

Property Type	Number
Application Number:	16930176
Application Number:	16853437
Application Number:	16881705
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Application Number:	16983770
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Application Number:	14752750
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Application Number:	15942951
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Application Number:	16741591
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Application Number:	17409614
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Patent Number:	11374145
Patent Number:	11305378
Patent Number:	11081601
Patent Number:	10923616
Patent Number:	11004987
Patent Number:	11444214

CORRESPONDENCE DATA

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Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER: 131815-257789_P282

NAME OF SUBMITTER: JUSTIN K. BRASK

SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	01/24/2023
Total Attachments: 16 source=SunPower_to_Maxeon#page1.tif source=SunPower_to_Maxeon#page2.tif source=SunPower_to_Maxeon#page3.tif source=SunPower_to_Maxeon#page4.tif source=SunPower_to_Maxeon#page5.tif source=SunPower_to_Maxeon#page6.tif source=SunPower_to_Maxeon#page7.tif source=SunPower_to_Maxeon#page8.tif source=SunPower_to_Maxeon#page9.tif source=SunPower_to_Maxeon#page10.tif source=SunPower_to_Maxeon#page11.tif source=SunPower_to_Maxeon#page12.tif source=SunPower_to_Maxeon#page13.tif source=SunPower_to_Maxeon#page14.tif source=SunPower_to_Maxeon#page15.tif source=SunPower_to_Maxeon#page16.tif	

ASSIGNMENT OF PATENT RIGHTS

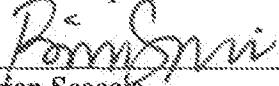
For good and valuable consideration, the receipt of which is hereby acknowledged, SunPower Corporation, a corporation duly organized and existing under the laws of California, having its principal office and place of business at 51 Rio Robles, San Jose, California 95134 ("Assignor"), does hereby sell, assign, transfer and convey unto Maxeon Solar Pte. Ltd. a corporation duly organized and existing under the laws of Singapore, having its principal office and place of business at 8 Marina Boulevard, #05-02, Marina Bay Financial Centre, Singapore 018981("Assignee") or its designees, all of Assignor's right, title and interest in and to the patents listed below, any patents, registrations, or certificates of invention issuing on the patents listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "Patent Rights").

Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights: (i) in and to causes of action and enforcement rights of the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) to apply in any or all counties of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation the execution, acknowledgment and recordation of specific assignments, oaths, declarations and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance shall include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. The Assignee agrees to pay, or to reimburse Assignor for, all reasonable expenses and costs actually incurred by Assignor in providing such assistance described in this paragraph, but Assignor shall not demand any further consideration therefor.

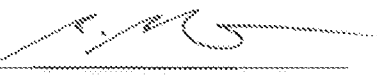
The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

SunPower Corporation

By: 
Brian Scaccia
Sr. Director, Corporate Counsel

Date: 11 DEC 2022

Maxeon Solar Pte. Ltd.

By: 
Marc Robinson
Associate General Counsel, Assistant Secretary

Date: January 19, 2023

Application or Patent Number	Filing or Issue Date	Title
8584406	2013-11-19	Hole-Thru-Laminate Mounting Supports for Photovoltaic Modules
8,955,267	2015-02-17	Hole-Thru-Laminate Mounting Supports for Photovoltaic Modules
8519729	2013-08-27	Chucks for Supporting Solar Cell in Hot Spot Testing
8624621	2014-01-07	Chucks for Supporting Solar Cell in Hot Spot Testing
9,116,202	2015-08-25	Chucks for Supporting Solar Cell in Hot Spot Testing
9435848	2016-09-06	Chucks for Supporting Solar Cell in Hot Spot Testing
8,790,957	2014-07-29	Method of Fabricating a Back-Contact Solar Cell and Device Thereof
9406821	2016-08-02	Method of Fabricating a Back-Contact Solar Cell and Device Thereof
8393707	2013-03-12	Apparatuses and Methods for Removal of Ink Buildup
8334161	2012-12-18	Method of Fabricating a Solar Cell with a Tunnel Dielectric Layer
8,709,851	2014-04-29	Method of Fabricating a Solar Cell with a Tunnel Dielectric Layer
9,112,066	2015-08-18	Method of Fabricating a Solar Cell with a Tunnel Dielectric Layer
9537030	2017-01-03	Method of Fabricating a Solar Cell with a Tunnel Dielectric Layer
9,202,960	2015-12-01	Leakage Pathway Layer for Solar Cell
10,629,760	2020-04-21	Method of Fabricating an Emitter Region of a Solar Cell
8,426,974	2013-04-23	Interconnect for an Optoelectronic Device
8,786,095	2014-07-22	Interconnect for an Optoelectronic Device
9537036	2017-01-03	Interconnect for an Optoelectronic Device
8,492,253	2013-07-23	Method of Forming Contacts for a Back-Contact Solar Cell
8,778,787	2014-07-15	Method of Forming Contacts for a Back-Contact Solar Cell
9,166,079	2015-10-20	Method of Forming Contacts for a Back-Contact Solar Cell
8,134,217	2012-03-13	Bypass Diode for a Solar Cell
8580599	2013-11-12	Method of Fabricating a Bypass Diode for a Solar Cell
8,992,803	2015-03-31	Dopant Ink Composition and Method of Fabricating a Solar Cell There From

9799783	2017-10-24	Dopant Ink Composition and Method of Fabricating a Solar Cell There From
8,679,889	2014-03-25	Hybrid Polysilicon Heterojunction Back Contact Cell
8597970	2013-12-03	Hybrid Polysilicon Heterojunction Back Contact Cell
8,962,373	2015-02-24	Hybrid Polysilicon Heterojunction Back Contact Cell
9466750	2016-10-11	Hybrid Polysilicon Heterojunction Back Contact Cell
9,054,255	2015-06-09	Single Step Passivation and Contact with Interfacial Oxide and Wide Bandgap Semiconductor
9,219,173	2015-12-22	Solar Cell Having an Emitter Region with Wide Bandgap Semiconductor Material
10,170,657	2019-01-01	Solar Cell Having an Emitter Region with Wide Bandgap Semiconductor Material
9,328,427	2016-05-03	Pulse Plating and Ultrasonic Cleaning for Edge Coat Elimination
9,912,290	2018-03-06	High Current Burn-In of Solar Cells
8,901,010	2014-12-02	Methods for Improving Solar Cell Lifetime and Efficiency
9,018,516	2015-04-28	Tunnel Oxynitride
10,304,972	2019-05-28	SOLAR CELL WITH SILICON OXYNITRIDE DIELECTRIC LAYER
8,785,233	2014-07-22	SOLAR CELL EMITTER REGION FABRICATION USING SILICON NANO-PARTICLES FOR POLY CONTACT STEP REDUCTION
9,252,319	2016-02-02	SOLAR CELL EMITTER REGION FABRICATION USING SILICON NANO-PARTICLES FOR POLY CONTACT STEP REDUCTION
9559246	2017-01-31	SOLAR CELL EMITTER REGION FABRICATION USING SILICON NANO-PARTICLES FOR POLY CONTACT STEP REDUCTION
9,217,206	2015-12-22	Auxiliary electrode for tuning uniformity of silicon porosification
9,249,523	2016-02-02	Process of surface preparation and porosification of silicon in one tool
9,112,097	2015-08-18	Alignment for Metalization
9450113	2016-09-20	ALIGNMENT FOR METALLIZATION
9577134	2017-02-21	Contact Si Stencil Mask Process for Fabricating All Back Contact Solar Cells Using Integrated Implant and Capping Tool

11,316,056	2022-04-26	SOLAR CELL EMITTER REGION FABRICATION USING SELF-ALIGNED IMPLANT AND CAP
9401450	2016-07-26	SOLAR CELL EMITTER REGION FABRICATION USING ION IMPLANTATION
9716205	2017-07-25	SOLAR CELL EMITTER REGION FABRICATION USING ION IMPLANTATION
9395351	2016-07-19	Angle of Incidence reflectance (AOI Rx) measurements to control appearance variations of AR-glass
9,196,758	2015-11-24	Salicide for hybrid contact emitter solar cells
9634177	2017-04-25	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
9,947,812	2018-04-17	Solar Cell architecture with simplified metal
9660575	2017-05-23	SOLAR CELL STRINGER CALIBRATOR
9,991,405	2018-06-05	Embossed encapsulant for thin wafer module processing
14/228,646	2014-03-28	Design and electronics of high voltage module
9,337,369	2016-05-10	Alternate P-Poly tunnel dielectric
10,600,922	2020-03-24	SOLAR CELLS WITH TUNNEL DIELECTRICS
9496437	2016-11-15	Use of metallization as a handle to enable dicing of wafers without increasing module interconnections or requiring handling of smaller cells
9,893,222	2018-02-13	SOLAR CELL HAVING A PLURALITY OF SUB-CELLS COUPLED BY A METALLIZATION STRUCTURE
9,263,625	2016-02-16	Hardware and Process for Integrated Patterned Ion Implant and Surface Modification for High Efficiency Solar Cell Fabrication
9577126	2017-02-21	SOLAR CELL EMITTER REGION FABRICATION USING ION IMPLANTATION
14/292,454	2014-05-30	Method of reducing recombination at PN junction in doped poly silicon layers
9537041	2017-01-03	Laser patterned doping
9,893,224	2018-02-13	EMITTERS OF A BACKSIDE CONTACT SOLAR CELL
9842951	2017-12-12	Silicone encapsulant for photovoltaic receivers
9425337	2016-08-23	In-Cell Bypass Diode
10,665,739	2020-05-26	IN-CELL BYPASS DIODE

9,837,576	2017-12-05	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES AND INCORPORATING DOTTED DIFFUSION
9466754	2016-10-11	Grain Growth for Solar Cells
10,030,303	2018-07-24	SPUTTER TOOL
9,246,046	2016-01-26	IMPROVED ETCHING PROCESSES FOR SOLAR CELL FABRICATION
9419166	2016-08-16	IMPROVED ETCHING PROCESSES FOR SOLAR CELL FABRICATION
9525083	2016-12-20	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES AND INCORPORATING A MULTI-PURPOSE PASSIVATION AND CONTACT LAYER
15/362,045	2016-11-28	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES AND INCORPORATING A MULTI-PURPOSE PASSIVATION AND CONTACT LAYER
9,520,507	2016-12-13	SOLAR CELLS WITH IMPROVED LIFETIME, PASSIVATION AND/OR EFFICIENCY
9,899,542	2018-02-20	SOLAR CELLS WITH IMPROVED LIFETIME, PASSIVATION AND/OR EFFICIENCY
11,355,657	2022-06-07	METALLIZATION OF SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
9564854	2017-02-07	PHOTONIC DEGRADATION MONITORING FOR SEMICONDUCTOR DEVICES
10,230,329	2019-03-12	PHOTONIC DEGRADATION MONITORING FOR SEMICONDUCTOR DEVICES
10,100,439	2018-10-16	HIGH THROUGHPUT CHEMICAL VAPOR DEPOSITION ELECTRODE
9,978,896	2018-05-22	ENCAPSULANT BONDING METHODS FOR PHOTOVOLTAIC MODULE MANUFACTURING
10,079,319	2018-09-18	Laser patterning of ion implanted etch resistant layers
10,770,610	2020-09-08	Photovoltaic Module Interconnect Joints
10,573,763	2020-02-25	SOLAR CELL HAVING A PLURALITY OF SUB-CELLS COUPLED BY A

		METALLIZATION STRUCTURE HAVING A METAL BRIDGE
10,804,422	2020-10-13	MULTI-OPERATION TOOL FOR PHOTOVOLTAIC CELL PROCESSING
10,566,230	2020-02-18	GRIPPER FOR SEMICONDUCTOR DEVICES
10,217,880	2019-02-26	VOLTAGE BREAKDOWN DEVICE FOR SOLAR CELLS
10,217,878	2019-02-26	TRI-LAYER SEMICONDUCTOR STACKS FOR PATTERNING FEATURES ON SOLAR CELLS
9502601	2016-11-22	METALLIZATION OF SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
10,224,442	2019-03-05	METALLIZATION OF SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
10,290,763	2019-05-14	ROLL-TO-ROLL METALLIZATION OF SOLAR CELLS
10,511,258	2019-12-17	PHOTOVOLTAIC ASSEMBLY HAVING CORNER-FACING ELECTRICAL CONNECTOR PORT
10,262,864	2019-04-16	POINT-OF-USE ENRICHMENT OF GAS MIXTURES FOR SEMICONDUCTOR STRUCTURE FABRICATION AND SYSTEMS FOR PROVIDING POINT-OF-USE ENRICHMENT OF GAS MIXTURES
10,629,758	2020-04-21	SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
15/396,246	2016-12-30	METALLIZATION STRUCTURES FOR SOLAR CELLS
10,476,432	2019-11-12	HIGH THROUGHPUT SYSTEM FOR PHOTOVOLTAIC UV DEGRADATION TESTING
10,141,462	2018-11-27	SOLAR CELLS HAVING DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES
15/396,098	2016-12-3	SOLAR CELL HAVING A PLURALITY OF SUB-CELLS COUPLED BY CELL LEVEL INTERCONNECTION
15/476,814	2017-03-31	COATED FOIL-BASED METALLIZATION OF SOLAR CELLS
15/859,073	2017-12-29	Printed contacts for poly-silicon contacts
10,608,133	2020-03-31	SOLAR CELL HAVING A PLURALITY OF SUB-CELLS COUPLED BY A

		METALLIZATION STRUCTURE (CELL LEVEL MMD)
10,804,415	2020-10-13	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES AND INCORPORATING DOTTED DIFFUSION
10,170,642	2019-01-01	SOLAR CELLS WITH IMPROVED LIFETIME, PASSIVATION AND/OR EFFICIENCY
11,133,778	2021-09-28	High Current Burn-In of Solar Cells
10,700,222	2020-06-30	Solar Cell architecture with simplified metal
15/976,414	2018-05-10	Folding Photovoltaic Panel
10,581,372	2020-03-03	Integrated Swift Bifold
9,997,652	2018-06-12	DEPOSITION APPROACHES FOR EMITTER LAYERS OF SOLAR CELLS
10,840,395	2020-11-17	DEPOSITION APPROACHES FOR EMITTER LAYERS OF SOLAR CELLS
D921,573	2021-06-08	PHOTOVOLTAIC PANEL SYSTEM
10,777,691	2020-09-15	FORMED PHOTOVOLTAIC MODULE BUSBARS
10,950,740	2021-03-16	SOLAR CELLS HAVING DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES
11,362,220	2022-06-14	Laser Active Metallization
16/377,000	2019-04-05	String Level Laser Assisted Metallization Process (LAMP) and structures, including Cell Shingling and Circuit Formation
16/377,074	2019-04-05	LASER ASSISTED METALLIZATION PROCESS FOR SOLAR CELL CIRCUIT FORMATION
11,276,785	2022-03-15	LASER ASSISTED METALLIZATION PROCESS FOR SOLAR CELL FABRICATION
10,658,525	2020-05-19	SOLAR CELLS WITH IMPROVED LIFETIME, PASSIVATION AND/OR EFFICIENCY
10,490,685	2019-11-26	SOLAR CELL HAVING AN EMITTER REGION WITH WIDE BANDGAP SEMICONDUCTOR MATERIAL
10,593,825	2020-03-17	ROLL-TO-ROLL METALLIZATION OF SOLAR CELLS
16/295,995	2019-03-07	DUAL WAFER PLATING FIXTURE FOR A CONTINUOUS PLATING LINE

10,505,068	2019-12-10	TRI-LAYER SEMICONDUCTOR STACKS FOR PATTERNING FEATURES ON SOLAR CELLS
11,195,964	2021-12-07	VOLTAGE BREAKDOWN DEVICE FOR SOLAR CELLS
11,362,234	2022-06-14	LOCAL PATTERNING AND METALLIZATION OF SEMICONDUCTOR STRUCTURES USING A LASER BEAM
11,437,530	2022-09-06	METALLIZATION OF SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
16/377,077	2019-04-05	LAMP Foil Removal Tools
10,804,843	2020-10-13	PHOTONIC DEGRADATION MONITORING FOR SEMICONDUCTOR DEVICES
16/381,482	2019-04-11	SOLAR CELLS HAVING JUNCTIONS RETRACTED FROM CLEAVED EDGES
11,227,962	2022-01-18	WIRE-BASED METALLIZATION AND STRINGING FOR SOLAR CELLS
16/594,417	2019-10-07	Front Contact Cell with Formed Electrically Conducting Layers on the Front Side and Backside
16/585,919	2019-09-27	SOLAR CELL WITH WRAPAROUND FINGER
16/586,509	2019-09-27	SOLAR CELLS HAVING HYBRID ARCHITECTURES INCLUDING DIFFERENTIATED P-TYPE AND N-TYPE REGIONS
16/679,012	2019-11-08	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
10,957,809	2021-03-23	SOLAR CELL HAVING AN EMITTER REGION WITH WIDE BANDGAP SEMICONDUCTOR MATERIAL
11,355,654	2022-06-07	TRI-LAYER SEMICONDUCTOR STACKS FOR PATTERNING FEATURES ON SOLAR CELLS
11,005,416	2021-05-11	PHOTOVOLTAIC PANEL
16/832,762	2020-03-27	SOLAR CELLS HAVING HYBRID ARCHITECTURES INCLUDING DIFFERENTIATED P-TYPE AND N-TYPE REGIONS WITH OFFSET CONTACTS
16/815,844	2020-03-11	Leakage Pathway Layer for Solar Cell
11,101,401	2021-08-24	ROLL-TO-ROLL METALLIZATION OF SOLAR CELLS

10,840,392	2020-11-17	SOLAR CELLS WITH TUNNEL DIELECTRICS
11,398,576	2022-07-26	SOLAR CELL HAVING A PLURALITY OF SUB-CELLS COUPLED BY A METALLIZATION STRUCTURE (CELL LEVEL MMD)
16/930,176	2020-07-15	Photovoltaic Module Interconnect Joints
16/853,437	2020-04-20	SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
11,251,315	2022-02-15	SOLAR CELLS WITH IMPROVED LIFETIME, PASSIVATION AND/OR EFFICIENCY
16/881,705	2020-05-22	IN-CELL BYPASS DIODE
16/918,218	2020-07-01	Built-in bypass diode
9556512	2017-01-31	DEPOSITION SYSTEM WITH ELECTRICALLY ISOLATED PALLET AND ANODE ASSEMBLIES
9,184,327	2015-11-10	FORMED PHOTOVOLTAIC MODULE BUSBARS
10,121,910	2018-11-06	FORMED PHOTOVOLTAIC MODULE BUSBARS
7,670,638	2010-03-02	Protection Layer for Fabricating a Solar Cell
7,893,409	2011-02-22	TRANSIENT PHOTOLUMINESCENCE MEASUREMENTS
16/983,770	2020-08-03	Hybrid Polysilicon Heterojunction Back Contact Cell
17/011,707	2020-09-03	MULTI-OPERATION TOOL FOR PHOTOVOLTAIC CELL PROCESSING
17/021,930	2020-09-15	SOLAR CELL EMITTER REGION FABRICATION USING SUBSTRATE-LEVEL ION IMPLANTATION
17/068,748	2020-10-12	SOLAR CELL EMITTER REGION FABRICATION WITH DIFFERENTIATED P-TYPE AND N-TYPE ARCHITECTURES AND INCORPORATING DOTTED DIFFUSION
17/183,164	2021-02-23	SOLAR CELL HAVING AN EMITTER REGION WITH WIDE BANDGAP SEMICONDUCTOR MATERIAL
17/356,417	2021-06-23	STRINGS OF SOLAR CELLS HAVING LASER ASSISTED METALLIZATION CONDUCTIVE CONTACT STRUCTURES AND THEIR METHODS OF MANUFACTURE
29/784,468	2021-05-19	Integrated Swift Bifold

17/409,617	2021-08-23	ROLL-TO-ROLL METALLIZATION OF SOLAR CELLS
16/633,215	2018-07-25	Method for recycling sub-micron si-particles from a si wafer production process
17/543,438	2021-12-06	WIRE-BASED METALLIZATION AND STRINGING FOR SOLAR CELLS
17/589,581	2022-01-31	Laser Assisted Metallization Process (LAMP) manufacturing methods including Laser Assisted Metal Removal (LAMR) / tearing
17/032,975	2020-09-25	WIRE-BASED METALLIZATION AND STRINGING FOR SOLAR CELLS
17/116,472	2020-12-09	ALIGNED METALLIZATION FOR SOLAR CELLS
17/693,054	2022-03-11	Contact Si Stencil Mask Process for Fabricating All Back Contact Solar Cells Using Integrated Implant and Capping Tool
17/738,984	2022-05-06	TRI-LAYER SEMICONDUCTOR STACKS FOR PATTERNING FEATURES ON SOLAR CELLS
17/738,978	2022-05-06	METALLIZATION OF SOLAR CELLS WITH DIFFERENTIATED P-TYPE AND N-TYPE REGION ARCHITECTURES
17/740,273	2022-05-09	Laser Active Metallization
17/744,519	2022-05-13	LOCAL PATTERNING AND METALLIZATION OF SEMICONDUCTOR STRUCTURES USING A LASER BEAM
10,074,753	2018-09-11	Combination of Direct Plated Contacts and Printed Seed
9,153,712	2015-10-06	Reducing the Contact Resistance of Printed Al Seed to Si Substrate by Electroless Plated Ni
9,978,889	2018-05-22	CONDUCTIVE CONTACT FOR SOLAR CELL
9,293,624	2016-03-22	Electroless Ni for conductivity enhancement of printed seed
9,847,438	2017-12-19	Using poly-Si to reduce the contact resistance and the lifetime degradation
9,263,601	2016-02-16	Method to improve adhesion of metal paste on silicon substrate for solar
9,312,042	2016-04-12	Use of Aluminum-Germanium eutectic alloy particles in printed paste for applications to solar cell metallization
9525082	2016-12-20	Methods for preventing moisture infiltration into porous pastes
9362427	2016-06-07	Method for metallization of solar cells
11,127,866	2021-09-21	METALLIZATION OF SOLAR CELLS
9570206	2017-02-14	Ni firing using a printed support

10,056,506	2018-08-21	FIRING METAL WITH SUPPORT
9,178,104	2015-11-03	Single-Step laser contacting of two metal layers to a solar cell
9577139	2017-02-21	SINGLE-STEP METAL BOND AND CONTACT FORMATION FOR SOLAR CELLS
10,109,751	2018-10-23	SINGLE-STEP METAL BOND AND CONTACT FORMATION FOR SOLAR CELLS
9536632	2017-01-03	Mechanical working of printed metal paste and particles for improved adhesion and conduction
9653638	2017-05-16	Direct laser contact through metal grid for emitter contact formation in c-Si solar cell
10,290,758	2019-05-14	CONTACTS FOR SOLAR CELLS
9,796,045	2017-10-24	Visual alignment system for PV wafers with restricted visual access
9,171,989	2015-10-27	Method to maintain direct contact between metal foil and screen printed seed metal pattern during laser welding and laser separation processes
9722105	2017-08-01	Laser oxidation of Al seed for buffer material in dual layer metal system
9,231,129	2016-01-05	Aluminum foil-based metallization methods
9627566	2017-04-18	FOIL-BASED METALLIZATION OF SOLAR CELLS
10,090,421	2018-10-02	FOIL-BASED METALLIZATION OF SOLAR CELLS
9,818,903	2017-11-14	Bonds for cell metallization
9,825,191	2017-11-21	Method for improved Light Induced Degradation (LID) for solar cells using high Eg materials
9,911,874	2018-03-06	alignment free M2 bonding
9,257,575	2016-02-09	FOIL TRIM APPROACHES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
9,831,356	2017-11-28	FOIL TRIM APPROACHES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
10,096,728	2018-10-09	Alternate Printed SEED Firing Methods
9735308	2017-08-15	PROTECTION LAYER FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
9,837,259	2017-12-05	SEQUENTIAL ETCHING TREATMENT FOR SOLAR CELL FABRICATION
9559236	2017-01-31	SOLAR CELL FABRICATED BY SIMPLIFIED DEPOSITION PROCESS
9559233	2017-01-31	SOLAR CELL INTERCONNECTION

9,865,759	2018-01-09	SOLAR CELL INTERCONNECTION
14/563,723	2014-12-08	LASER STOP LAYER FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
10,636,924	2020-04-28	SOLAR MODULE INTERCONNECT
9620661	2017-04-11	LASER BEAM SHAPING FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
10,535,785	2020-01-14	LASER BEAM SHAPING FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
10,164,131	2018-12-25	MULTI-LAYER SPUTTERED METAL SEED FOR SOLAR CELL CONDUCTIVE CONTACT
9461192	2016-10-04	THICK DAMAGE BUFFER FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
10,199,521	2019-02-05	THICK DAMAGE BUFFER FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
9,997,651	2018-06-12	Method of improving damage resistance during welding with disposable layer
9722103	2017-08-01	THERMAL COMPRESSION BONDING APPROACHES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
14/752,750	2015-06-26	METALLIZATION AND STRINGING FOR BACK-CONTACT SOLAR CELLS
9559245	2017-01-31	BLISTER-FREE POLYCRYSTALLINE SILICON FOR SOLAR CELLS
10,516,071	2019-12-24	BLISTER-FREE POLYCRYSTALLINE SILICON FOR SOLAR CELLS
9,935,213	2018-04-03	WIRE-BASED METALLIZATION FOR SOLAR CELLS
11,195,966	2021-12-07	BIFACIAL SOLAR CELLS WITH REFLECTIVE BACK CONTACTS
10,535,790	2020-01-14	ONE-DIMENSIONAL METALLIZATION FOR SOLAR CELLS
9,944,055	2018-04-17	THERMO-COMPRESSSION BONDING TOOL WITH HIGH TEMPERATURE ELASTIC ELEMENT
9768327	2017-09-19	ETCHING TECHNIQUES FOR SEMICONDUCTOR DEVICES
10,840,394	2020-11-17	CONDUCTIVE STRIP BASED MASK FOR METALLIZATION OF SEMICONDUCTOR
9620655	2017-04-11	LASER FOIL TRIM APPROACHES FOR FOIL-BASED METALLIZATION FOR SOLAR

10,177,260	2019-01-08	LASER FOIL TRIM APPROACHES FOR FOIL-BASED METALLIZATION FOR SOLAR
10,396,235	2019-08-27	INDENTATION APPROACHES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
9634178	2017-04-25	A method to prevent lifetime damage during laser welding of metal foils on solar cell
10,032,942	2018-07-24	METAL-CONTAINING THERMAL AND DIFFUSION BARRIER LAYER FOR FOILBASED METALLIZATION OF SOLAR CELLS
9778306	2017-10-03	METHODS FOR ACCELERATED SOILING TESTING OF PHOTOVOLTAIC (PV) MODULES
9,831,377	2017-11-28	DIE-CUTTING APPROACHES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
11,424,373	2022-08-23	THERMOCOMPRESSSION BONDING APPROACHES FOR FOIL-BASED METALLIZATION OF NON-METAL SURFACES OF SOLAR CELLS
9,882,071	2018-01-30	LASER TECHNIQUES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
10,622,227	2020-04-14	MULTI-AXIS FLATTENING TOOL AND METHOD
9,871,150	2018-01-16	PROTECTIVE REGION FOR METALLIZATION OF SOLAR CELLS
15/201,361	2016-07-01	METALLIZATION STRUCTURES FOR SOLAR CELLS
10,115,855	2018-10-30	CONDUCTIVE FOIL BASED METALLIZATION OF SOLAR CELLS
10,084,098	2018-09-25	METALLIZATION OF CONDUCTIVE WIRES FOR SOLAR CELLS
10,177,270	2019-01-08	AI BONDS FOR SOLAR CELL METALLIZATION
15/823,896	2017-11-28	FOIL TRIM APPROACHES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
15/834,452	2017-12-07	SOLAR CELL INTERCONNECTION
10,543,564	2020-01-28	Visual alignment system for PV wafers with restricted visual access
10,971,638	2021-04-06	LASER TECHNIQUES FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
15/942,951	2018-04-02	WIRE-BASED METALLIZATION FOR SOLAR CELLS

10,737,475	2020-08-11	THERMO-COMPRESSSION BONDING TOOL WITH HIGH TEMPERATURE ELASTIC ELEMENT
10,644,170	2020-05-05	METALLIZATION OF CONDUCTIVE WIRES FOR SOLAR CELLS
10,615,296	2020-04-07	FOIL-BASED METALLIZATION OF SOLAR CELLS
10,566,474	2020-02-18	SINGLE-STEP METAL BOND AND CONTACT FORMATION FOR SOLAR CELLS
10,727,369	2020-07-08	CONDUCTIVE FOIL BASED METALLIZATION OF SOLAR CELLS
10,622,505	2020-04-14	Bonds for cell metallization
10,672,924	2020-06-02	LASER FOIL TRIM APPROACHES FOR FOIL-BASED METALLIZATION FOR SOLAR
16/342,509	2017-10-04	SOLAR CELL EMITTER REGION FABRICATION APPARATUS
11,271,129	2022-03-08	SURFACE TREATMENT OF SOLAR CELLS
10,879,413	2020-12-29	CONTACTS FOR SOLAR CELLS
16/464,074	2019-05-24	PLASMA-CURING OF LIGHT-RECEIVING SURFACES OF SOLAR CELLS
16/500,350	2019-10-02	METHOD OF RECYCLING SILICON SWARF INTO ELECTRONIC GRADE POLYSILICON
11,101,398	2021-08-24	BLISTER-FREE POLYCRYSTALLINE SILICON FOR SOLAR CELLS
11,374,137	2022-06-28	LASER BEAM SHAPING FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
11,374,145	2022-06-28	UV-CURING OF LIGHT-RECEIVING SURFACES OF SOLAR CELLS
16/741,591	2020-01-13	ONE-DIMENSIONAL METALLIZATION FOR SOLAR CELLS
11,305,378	2022-04-19	Visual alignment system for PV wafers with restricted visual access
11,081,601	2021-08-03	SINGLE-STEP METAL BOND AND CONTACT FORMATION FOR SOLAR CELLS
10,923,616	2021-02-16	Bonds for solar cell metallization
11,004,987	2021-05-11	METALLIZATION OF CONDUCTIVE WIRES FOR SOLAR CELLS
16/841,541	2020-04-06	FOIL-BASED METALLIZATION OF SOLAR CELLS
16/859,846	2020-04-27	SOLAR MODULE INTERCONNECT
17/082,995	2020-10-28	LEAVE-IN ETCH MASK FOR FOIL-BASED METALLIZATION OF SOLAR CELLS

11,444,214	2022-09-13	CONDUCTIVE STRIP BASED MASK FOR METALLIZATION OF SEMICONDUCTOR
17/133,357	2020-12-23	CONTACTS FOR SOLAR CELLS
17/389,149	2021-07-29	Single-Step laser contacting of two metal layers to a solar cell
17/404,863	2021-08-17	Method for metallization of solar cells
17/409,614	2021-08-23	BLISTER-FREE POLYCRYSTALLINE SILICON FOR SOLAR CELLS
17/751,446	2022-05-23	LASER BEAM SHAPING FOR FOIL-BASED METALLIZATION OF SOLAR CELLS
17/829,152	2022-05-31	UV-CURING OF LIGHT-RECEIVING SURFACES OF SOLAR CELLS
17/836,822	2022-06-09	WIRE-BASED METALLIZATION FOR SOLAR CELLS
17/864,225	2022-07-13	THERMOCOMPRESSSION BONDING APPROACHES FOR FOIL-BASED METALLIZATION OF NON-METAL SURFACES OF SOLAR CELLS