

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5637363

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT P. MCNAMARA	10/11/2018
N/A DOUGLAS M. RAYMOND	10/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SOLARLYTICS, INC.
<b>Street Address:</b>	288 LINDBERGH AVE.
<b>City:</b>	LIVERMORE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94551
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16522579
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	30551.4012
<b>NAME OF SUBMITTER:</b>	DAVIN STOCKWELL
<b>SIGNATURE:</b>	/Davin Stockwell/
<b>DATE SIGNED:</b>	07/25/2019
<b>Total Attachments: 7</b>	
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## ASSIGNMENT

**WHEREAS**, WE, Robert P. McNamara, Citizen of the United States of America, with an address of 836 Tatra Court, San Jose, California 95136; and Douglas M. Raymond, Citizen of the United States of America, with an address of 3144 Bay Meadows Court, Livermore, California 94550, (hereinafter referred to as **ASSIGNORS**), own full and exclusive right, title and interest to each of the patent applications listed in the attached **Schedule A**, and all patent and patent applications, continuation applications, continuation-in-part applications, divisional applications, and similar protection to be obtained thereon in the United States of America, its territorial possessions and in any and all countries foreign thereto (hereinafter referred to as **THE PATENT RIGHTS**);

**WHEREAS**, Solarlytics, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 288 Lindbergh Avenue, Livermore, California 94551 (hereinafter referred to as **ASSIGNEE**), is desirous of acquiring the full and exclusive right, title and interest in **THE PATENT RIGHTS**;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sell, assign, transfer and set over unto **ASSIGNEE**, its successors and assigns, the full and exclusive right, title and interest to **THE PATENT RIGHTS** and to all Letters Patent or applications or similar legal protection arising from the patent applications listed in **Schedule A** and any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the Paris Convention for the Protection of Industrial Property; and **ASSIGNORS** hereby authorize and request any officials whose duty it is to issue patents on applications as aforesaid, to issue all patents for **THE PATENT RIGHTS** to **ASSIGNEE** in accordance with the terms of this **ASSIGNMENT** and hereby transfers all rights of action, power and benefit belonging to or accruing from **The PATENT RIGHTS**, including the right to undertake proceedings to recover past and future damages and claim all

other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this ASSIGNMENT.


ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this ASSIGNMENT.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to The PATENT RIGHTS and legal equivalents as may be known and accessible to ASSIGNORS and that ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce THE PATENT RIGHTS and said equivalents, which may be necessary or desirable to carry out the purposes thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand as of the date indicated below.

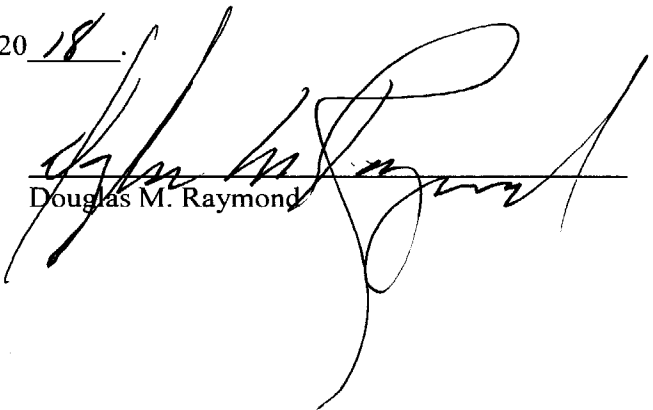
WITNESS my hand at LIVERMORE, CALIFORNIA  
(City & State OR Province & Country)

this 11 day of OCTOBER, 2018.

  
Robert P. McNamara

WITNESS my hand at Livermore, CALIFORNIA  
(City & State OR Province & Country)

this 11 day of October, 2018.

  
Douglas M. Raymond

## Schedule A

Title	Country	Appl. No.	Appl. Date	Grant No.	Grant Date
Methods and Systems for Increasing the Mobility of Electron/Hole Pairs in Semiconductor Material	United States of America	61/943,134	2/21/2014		
Methods and Systems for Applying Electric Fields to Multiple Solar Panels	United States of America	61/947,326	3/3/2014		
Methods and Systems for Mitigating Variances in the Power Output of Solar Panel Arrays Due to Variable Illumination	United States of America	62/022,087	7/8/2014		
Methods and Systems for Maximizing the Power Output of a Photovoltaic Cell by Applying and Adjusting an External Electric Field Across the Cell	United States of America	61/943,127	2/21/2014		
System and Method for Managing the Power Output of a Photovoltaic Cell	African Regional Intellectual Property Organization	AP/P/2016/009446	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Austria	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Australia	2015218726	2/21/2015	2015218726	12/18/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Belgium	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Bulgaria	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Brazil	1120160191161	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Canada	2937025	2/21/2015	2937025	3/20/2018
System and Method for Managing the Power Output of a Photovoltaic Cell	Switzerland	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Chile	201602108	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	China	201580009869.5	2/21/2015		1/2/2018
System and Method for Managing the Power Output of a Photovoltaic Cell	Czech Republic	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Germany	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Denmark	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Eurasian Patent Organization	201691604	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	European Patent Office	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Spain	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	France	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	United Kingdom	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Greece	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Hong Kong	17102641.0	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Hungary	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Ireland	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Israel	247264	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	India	201627031886	2/21/2015		

Title	Country	Appl. No.	Appl. Date	Grant No.	Grant Date
System and Method for Managing the Power Output of a Photovoltaic Cell	Italy	502018000003523	2/21/2015		11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Japan	2016-553379	2/21/2015	6203419	9/8/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Republic of Korea	10-2016-7024429	2/21/2015	10-1785234	9/28/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Liechtenstein	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Mexico	MX/a/2016/010839	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Malaysia	PI 2016001428	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Netherlands	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	New Zealand	721992	2/21/2015	721992	5/24/2018
System and Method for Managing the Power Output of a Photovoltaic Cell	African Intellectual Property Organization	1201600321	2/21/2015	17841	7/28/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Philippines	1-2016-501622	2/21/2015	1-2016-501622	2/7/2018
System and Method for Managing the Power Output of a Photovoltaic Cell	Poland	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Romania	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Saudi Arabia	516371695	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Sweden	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Singapore	11201606871Y	2/21/2015	11201606871Y	8/11/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	Thailand	1601004745	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Turkey	15707518.5	2/21/2015	3108563	11/1/2017
System and Method for Managing the Power Output of a Photovoltaic Cell	United States of America	14/628,079	2/20/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Patent Cooperation Treaty	PCT/US2015/016981	2/21/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Albania	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	African Regional Intellectual Property Organization	AP/P/2016/009473	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Austria	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Australia	2015227260	3/3/2015	2015227260	2/15/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Belgium	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Bulgaria	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Brazil	1120160197550	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Canada	2939004	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Switzerland	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Chile	201602210	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	China	201580012041.5	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Cyprus	15710361.5	3/3/2015	3114746	1/10/2018

Title	Country	Appl. No.	Appl. Date	Grant No.	Grant Date
Method and System for Applying Electric Fields to Multiple Solar Panels	Czech Republic	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Germany	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Denmark	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Eurasian Patent Organization	201691635	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Estonia	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	European Patent Office	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Spain	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Finland	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	France	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	United Kingdom	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Greece	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Hong Kong	17103385.8	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Croatia	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Hungary	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Ireland	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Israel	247040	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	India	201627032629	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Iceland	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Italy	502018000010548	3/3/2015		1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Japan	2016-555354	3/3/2015	6203422	9/8/2017
Method and System for Applying Electric Fields to Multiple Solar Panels	Republic of Korea	10-2016-7027166	3/3/2015	10-1778485	9/7/2017
Method and System for Applying Electric Fields to Multiple Solar Panels	Lithuania	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Luxembourg	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Latvia	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Monaco	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Macedonia (F.Y.R.O.M)	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Malta	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Mexico	MX/a/2016/0112201	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Malaysia	PI 2016001492	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Netherlands	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Norway	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	New Zealand	722832	3/3/2015	722832	3/23/2018

Title	Country	Appl. No.	Appl. Date	Grant No.	Grant Date
Method and System for Applying Electric Fields to Multiple Solar Panels	African Intellectual Property Organization	1201600336	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Philippines	1-2016-501643	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Poland	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Portugal	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Romania	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Serbia	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Saudi Arabia	516371712	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Sweden	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Singapore	11201607087S	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Slovenia	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Slovak Republic	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	San Marino	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Thailand	1601005060	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Turkey	15710361.5	3/3/2015	3114746	1/10/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	United States of America	14/637,353	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Patent Cooperation Treaty	PCT/US2015/018552	3/3/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Brazil	1320170234354	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Chile	201800392	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	China	201710201991.3	2/21/2015		
A System for Managing the Power Output of a Photovoltaic Cell (Variants)	Eurasian Patent Organization	201792352	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	European Patent Office	16189399.5	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Hong Kong	18105699.3	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Japan	2017-43626	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Republic of Korea	10-2017-7005174	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Malaysia	Not Yet Available	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Philippines	1-2017-500562	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Singapore	10201705113P	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	United States of America	15/410,637	1/19/2017		
Method and System for Applying Electric Fields to Multiple Solar Panels	Brazil	1320170234273	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Chile	201800393	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	China	201710141110.3	3/10/2017		



Title	Country	Appl. No.	Appl. Date	Grant No.	Grant Date
Method and System for Applying Electric Fields to Multiple Solar Panels	European Patent Office	16189404.3	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Hong Kong	18102137.0	3/10/2017		
Method and System for Applying Electric Fields to Multiple Solar Panels	Japan	2017-43629	3/3/2015	6313494	3/30/2018
Method and System for Applying Electric Fields to Multiple Solar Panels	Republic of Korea	10-2017-7005180	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Mexico	MX/a/2018/000302	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Malaysia	Not Yet Available	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Philippines	1-2017-500545	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Singapore	Not Yet Available	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	United States of America	15/410,657	1/19/2017		
System and Method for Managing the Power Output of a Photovoltaic Cell	China	Not Yet Available			
A Method for Managing the Power Output of a Photovoltaic Cell	Eurasian Patent Organization	201890615	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	European Patent Office	17204510.6	2/21/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Japan	Not Yet Available	3/3/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Republic of Korea	10-2018-7007815	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Philippines	1-2017-501418	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Singapore	10201706204W	2/21/2015		
System for Applying Electric Fields to Multiple Solar Panels	European Patent Office	17192983.9	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Japan	2018-53836	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Republic of Korea	10-2017-7033565	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Philippines	1-2017-502394	3/3/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	European Patent Office	17204517.1	2/21/2015		
System and Method for Managing the Power Output of a Photovoltaic Cell	Philippines	1-2017-502398	2/21/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Australia	2017232123	3/3/2015		
System and Method for Managing A Plurality of Photovoltaic Devices	European Patent Office	17192984.7	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Republic of Korea	10-2018-7007818	3/3/2015		
Method and System for Applying Electric Fields to Multiple Solar Panels	Philippines	1-2018-500063	3/3/2015		