

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3843890

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MEMC ELECTRONIC MATERIALS, INC.	05/30/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SUNEDISON, INC.
<b>Street Address:</b>	13736 RIVERPORT DRIVE, SUITE 1000
<b>City:</b>	MARYLAND HEIGHTS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14878325
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)612-2307
<i>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.</i>	
<b>Phone:</b>	314-621-5070
<b>Email:</b>	uspatents@armstrongteasdale.com
<b>Correspondent Name:</b>	RICHARD A. SCHUTH
<b>Address Line 1:</b>	ARMSTRONG TEASDALE LLP
<b>Address Line 2:</b>	7700 FORSYTH BLVD., SUITE 1800
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63105
<b>ATTORNEY DOCKET NUMBER:</b>	33375-142 (130127.1)
<b>NAME OF SUBMITTER:</b>	RICHARD A. SCHUTH
<b>SIGNATURE:</b>	/Richard A. Schuth/
<b>DATE SIGNED:</b>	04/25/2016
<b>Total Attachments: 10</b>	
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# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS FILED FROM AND INCLUDING THE RESTATED CERTIFICATE OR A MERGER WITH A RESTATED CERTIFICATE ATTACHED OF "SUNEDISON, INC." AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

RESTATED CERTIFICATE, FILED THE THIRTIETH DAY OF MAY, A.D. 2013, AT 2:18 O'CLOCK P.M.

2045254 8100X

131082175

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 0731526

DATE: 09-12-13

PATENT  
REEL: 038366 FRAME: 0299

**AMENDED AND RESTATED  
CERTIFICATE OF INCORPORATION  
OF  
SunEdison, Inc.**

SUNEDISON, INC., a Delaware corporation, (the "Corporation") hereby certifies as follows:

1. The date of filing of its original Certificate of Incorporation with the Secretary of State of the State of Delaware was October 1, 1984. The original name of the Corporation was Dynamit Nobel Silicon Holdings, Inc.
2. The Corporation filed a Restated Certificate of Incorporation on July 12, 1995, and Certificates of Amendment on June 2, 2000 and July 10, 2002.
3. This Amended and Restated Certificate of Incorporation amends and restates the provisions of the Restated Certificate of Incorporation of the Corporation, as previously amended, and was duly adopted in accordance with the provisions of Sections 228, 242 and 245 of the General Corporation Law of the State of Delaware.
4. The text of the Certificate of Incorporation is hereby amended and restated in its entirety to read as follows:

"FIRST: The name of the corporation is SunEdison, Inc.

SECOND: The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

The purpose specified in the foregoing paragraph shall not be limited or restricted by reference to, or inference from, the terms of any provision of this Amended and Restated Certificate of Incorporation.

The Corporation shall possess and may exercise all powers and privileges necessary or convenient to effect the foregoing purpose, including the general powers now or hereafter conferred by the laws of the State of Delaware upon corporations formed under the General Corporation Law of Delaware.

FOURTH: (1) The total number of shares of all classes of capital stock that the Corporation shall have authority to issue is 350,000,000 shares, of which (i) 300,000,000 shares shall be common stock, par value \$.01 per share ("Common Stock"), and (ii) 50,000,000 shares shall be preferred stock, par value \$.01 per share ("Preferred Stock").

(2) Each holder of Common Stock shall have one vote on each matter submitted to a vote at a meeting of stockholders for each share of Common Stock held of record by such holder as of the record date for such meeting.

(3) Subject to any rights of holders of any class or series of Preferred Stock, when, as and if dividends or distributions are declared on outstanding shares of Common Stock, whether payable in cash, in property or in securities of the Corporation, each holder of outstanding shares of Common Stock shall be entitled to share ratably in such dividends and distributions in proportion to the number of shares of Common Stock held by such holder.

(4) Subject to any rights of holders of any class or series of Preferred Stock, upon any liquidation, dissolution or winding up of the Corporation, whether voluntary or involuntary, each holder of outstanding shares of Common Stock shall be entitled to share ratably in the assets of the Corporation to be distributed among the holders of shares of Common Stock in proportion to the number of shares of Common Stock held by such holder.

(5) The holders of shares of Common Stock shall have no preemptive or preferential rights of subscription to any shares of any class of capital stock of the Corporation or any securities convertible into or exchangeable for shares of any class of capital stock of the Corporation.

(6) The Preferred Stock may be issued, if so determined by the board of directors of the Corporation (the "Board of Directors"), either as a class without series or from time to time in one or more series and with such designation for such class or each such series as shall be stated and expressed in the resolution or resolutions providing for the issue of such class or each such series adopted by the Board of Directors. The Board of Directors in any such resolution or resolutions is expressly authorized to state and express for such class or each such series:

(a) Voting rights, if any, including, without limitation, the authority to confer multiple votes per share, voting rights as to specified matters or issues or, subject to the provisions of this Amended and Restated Certificate of Incorporation, voting rights to be exercised either together with the holders of Common Stock as a single class, or independently as a separate class;

(b) The rate per annum and the times at and conditions upon which the holders of shares of such class or series shall be entitled to receive dividends, the conditions and dates upon which such dividends shall be payable and whether such dividends shall be cumulative or noncumulative, and, if cumulative, the terms upon which such dividends shall be cumulative;

(c) Redemption, repurchase, retirement and sinking fund rights, preferences and limitations, if any, the amount payable on shares of such class or series in the event of such redemption, repurchase or retirement, the terms and conditions of any sinking fund, the manner of creating such fund or funds and whether any of the foregoing shall be cumulative or noncumulative;

(d) The rights to which the holders of the shares of such class or series shall be entitled upon any voluntary or involuntary liquidation, dissolution or winding up of the Corporation;

(e) The terms, if any, upon which the shares of such class or series shall be convertible into or exchangeable for shares of stock of any other class or classes or of any other series of the same or any other class or classes, including the price or prices or the rate or rates of conversion or exchange and the terms of adjustment, if any; and

(f) Any other designations, preferences and relative, participating, optional or other special rights and qualifications, limitations or restrictions thereof so far as they are not inconsistent with the provisions of this Amended and Restated Certificate of Incorporation (as it may be amended from time to time) and to the full extent now or hereafter permitted by the laws of the State of Delaware.

(7) All shares of Preferred Stock, if issued as a class without series, or all shares of the Preferred Stock of any one series, if issued in series, shall be identical to each other in all respects and shall entitle the holders thereof to the same rights and privileges, except that shares of any one series issued at different times may differ as to the dates from which dividends thereon, if cumulative, shall be cumulative.

FIFTH: (1) The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors, which may exercise all the powers of the Corporation and do all such lawful acts and things that are not conferred upon or reserved to the stockholders by law, by this Amended and Restated Certificate of Incorporation or by the by-laws of the Corporation.

(2) Election of directors need not be by written ballot unless the by-laws of the Corporation so provide.

(3) The following provisions are inserted for the management of the business and for the conduct of the affairs of the Corporation, and for further definition, limitation and regulation of the powers of its directors and stockholders:

(a) The Board of Directors shall have the power, without assent or vote of the stockholders, to make, alter, amend, change, add to or repeal the by-laws of the Corporation.

(b) The Board of Directors shall consist of not less than five and not more than 15 directors, the exact number of directors to be determined as set forth in, or in the manner provided in, the by-laws of the Corporation. Until the election of directors at the 2016 annual meeting of stockholders, the Board of Directors shall be divided into three classes, designated Class I, Class II and Class III, each of which shall consist, as nearly as possible, of one-third of the total number of directors constituting the entire Board of Directors. Except as set forth in the next sentence, each class of directors shall be elected to a three-year term and the terms of each class shall be staggered so that only one class of directors is elected at each annual meeting of stockholders. At each annual meeting of stockholders beginning in 2014, successors to the class of directors whose

terms expire at such annual meeting shall be elected for one-year terms expiring at the next succeeding annual meeting of stockholders. Beginning with the 2016 annual meeting of stockholders, the Board of Directors shall cease to be classified and the entire Board of Directors shall be subject to election at each annual meeting of stockholders. A director shall hold office until the annual meeting for the year in which his term expires and until his successor shall be elected and shall qualify, subject, however, to prior death, resignation, retirement, disqualification or removal from office.

Subject to the rights, if any, of the holders of any series of Preferred Stock then outstanding, any vacancy on the Board of Directors that results from an increase in the number of directors and any other vacancy occurring on the Board of Directors, howsoever resulting, may be filled only by a majority of the directors then in office, even if less than a quorum, or by a sole remaining director; *provided, however*, that if any director then in office determines that any such vacancy on the Board of Directors shall be filled by the stockholders, such vacancy shall be filled by the stockholders. Any director appointed in accordance with the preceding sentence shall hold office (1) if appointed prior to the 2016 annual meeting of stockholders, for a term that shall coincide with the remaining term of that class in which the new directorship was created or the vacancy exists; or (2) if appointed at or following the 2016 annual meeting of stockholders, for a term expiring at the next annual meeting of stockholders, and in each case, shall serve until such director's successor shall have been elected and shall qualify, subject, however, to prior death, resignation, retirement, disqualification or removal from office. If no director remains in office, any vacancy may be filled by the stockholders.

Notwithstanding the foregoing, whenever the holders of any one or more classes or series of Preferred Stock issued by the Corporation shall have the right, voting separately by class or series, to elect directors at an annual or special meeting of stockholders, the election, term of office, filling of vacancies and other features of such directorships shall be governed by the terms of this Amended and Restated Certificate of Incorporation (as it may be amended from time to time) or the resolution or resolutions adopted by the Board of Directors pursuant to Section 6 of Article Fourth hereof.

(c) Only persons who are nominated in accordance with the following procedures shall be eligible for election as directors of the Corporation, except as may be otherwise provided in this Amended and Restated Certificate of Incorporation (as it may be amended from time to time) or the resolution or resolutions adopted by the Board of Directors with respect to the rights of holders of Preferred Stock of the Corporation to nominate and elect a specified number of directors in certain circumstances. Nomination of persons for election to the Board of Directors may be made at any annual meeting of stockholders, or at any special meeting of stockholders called for the purpose of electing directors, (a) by or at the direction of the Board of Directors (or any duly authorized committee thereof) or (b) by any stockholder of the Corporation (i) who is a stockholder of record on the date of the giving of the notice provided for in this Section 3(c) of Article Fifth and on the record date for the determination of stockholders entitled to vote at such meeting and (ii) who complies with the notice procedures set forth in this Section 3(c) of Article Fifth. In addition to any other applicable requirements, for a

nomination to be made by a stockholder, such stockholder must have given timely notice thereof in proper written form to the Secretary of the Corporation.

To be timely, a stockholder's notice to the Secretary must be delivered to or mailed and received at the principal executive offices of the Corporation (a) in the case of an annual meeting, not less than 90 days nor more than 120 days prior to the anniversary date of the immediately preceding annual meeting of stockholders; *provided, however*, that in the event that the annual meeting is called for a date that is not within 30 days before or after such anniversary date, in order to be timely, notice by the stockholder must be so received not later than the close of business on the tenth day following the day on which notice of the date of the annual meeting is mailed to stockholders or public disclosure of the date of the annual meeting is made, whichever first occurs, or (b) in the case of a special meeting of stockholders called for the purpose of electing directors, not later than the close of business on the tenth day following the day on which notice of the date of the special meeting is mailed to stockholders or public disclosure of the date of the special meeting is made, whichever first occurs.

To be in proper written form, a stockholder's notice to the Secretary must set forth (a) as to each person whom the stockholder proposes to nominate for election as a director, (i) the name, age, business address and residence address of the person, (ii) the principal occupation or employment of the person, (iii) the class or series and number of shares of capital stock of the Corporation which are owned beneficially or of record by the person and (iv) any other information relating to the person that would be required to be disclosed in a proxy statement or other filings required to be made in connection with solicitations of proxies for election of directors pursuant to Section 14 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules and regulations promulgated thereunder; and (b) as to the stockholder giving the notice, (i) the name and record address of such stockholder, (ii) the class or series and number of shares of capital stock of the Corporation which are owned beneficially or of record by such stockholder, together with evidence reasonably satisfactory to the Secretary of such beneficial ownership, (iii) a description of all arrangements or understandings between such stockholder and each proposed nominee and any other person or persons (including their names) pursuant to which the nomination(s) are to be made by such stockholder, (iv) a representation that such stockholder intends to appear in person or by proxy at the meeting to nominate the persons named in its notice and (v) any other information relating to such stockholder that would be required to be disclosed in a proxy statement or other filings required to be made in connection with solicitations of proxies for election of directors pursuant to Section 14 of the Exchange Act and the rules and regulations promulgated thereunder. Such notice must be accompanied by a written consent of each proposed nominee to being named as a nominee and to serve as a director if elected.

No person shall be eligible for election as a director of the Corporation unless nominated in accordance with the procedures set forth in this Section 3(c) of Article Fifth. If the chairman of the meeting determines that a nomination was not made in accordance with the foregoing procedures, the chairman of the meeting shall declare to



the meeting that the nomination was defective and such defective nomination shall be disregarded.

(d) Any director or the entire Board of Directors may be removed, with or without cause, by the holders of a majority of the shares then entitled to vote at an election of directors.

(e) Any action required or permitted to be taken at any annual or special meeting of stockholders may be taken upon the vote of the stockholders at an annual or special meeting duly announced and called as provided in the by-laws of the Corporation, or may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of all of the outstanding stock entitled to vote thereon.

(f) Special meetings of the stockholders of the Corporation for any purpose or purposes may be called at any time by a majority of holders of the common stock of the Corporation or by a majority of the members of the Board of Directors, the Chairman of the Board of Directors or, if the by-laws of the Corporation so provide, the Chief Executive Officer of the Corporation. Special meetings of the stockholders of the Corporation may not be called by any other person or persons.

SIXTH: (1) The Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, to the full extent authorized or permitted by law, as now or hereafter in effect, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding. The Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that he is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, to the full extent authorized or permitted by law, as now or hereafter in effect, against expenses (including attorneys' fees) actually and reasonably incurred by him in connection with the defense or settlement of such action or suit.

(2) Expenses (including attorneys' fees) incurred by an officer or director in defending any civil, criminal, administrative or investigative action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that he is not entitled to be indemnified by the Corporation pursuant to this Article Sixth or as otherwise authorized by law. Such expenses (including attorneys' fees) incurred by other employees and agents may be so paid upon such terms and conditions, if any, as the Board of Directors deems appropriate.

(3) The indemnification and advancement of expenses provided by, or granted pursuant to, the other subsections of this Article Sixth shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any by-law, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in his official capacity and as to action in another capacity while holding such office.

(4) The Corporation may purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against any liability asserted against him and incurred by him in any such capacity, or arising out of his status as such, whether or not the Corporation would have the power to indemnify him against such liability under the provisions of the General Corporation Law of the State of Delaware.

(5) For purposes of this Article Sixth, references to "the Corporation" shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors, officers, employees or agents so that any person who is or was a director, officer, employee or agent of such constituent corporation, or is or was serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, shall stand in the same position under the provisions of this Article Sixth with respect to the resulting or surviving corporation as he would have with respect to such constituent corporation if its separate existence had continued.

(6) For purposes of this Article Sixth, references to "other enterprises" shall include employee benefit plans; references to "fines" shall include any excise taxes assessed on a person with respect to any employee benefit plan; and references to "serving at the request of the Corporation" shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves service by, such director, officer, employee or agent with respect to an employee benefit plan, its participants or beneficiaries.

(7) The indemnification and advancement of expenses provided by, or granted pursuant to, this Article Sixth shall continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

(8) Any repeal or modification of this Article Sixth by the stockholders of the Corporation shall not adversely affect any rights to indemnification and to advancement of expenses that any person may have at the time of such repeal or modification with respect to any acts or omissions occurring prior to such repeal or modification.

SEVENTH: Whenever a compromise or arrangement is proposed between this Corporation and its creditors or any class of them and/or between this Corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of this Corporation or of any creditor or stockholder thereof or on the application of any receiver or receivers appointed for this

Corporation under the provisions of section 291 of Title 8 of the Delaware Code or on the application of trustees in dissolution or of any receiver or receivers appointed for this Corporation under the provisions of section 279 of Title 8 of the Delaware Code order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this Corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three-fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this Corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of this Corporation as consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of this Corporation, as the case may be, and also on this Corporation.

EIGHTH: A director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived an improper personal benefit."

This Amended and Restated Certificate of Incorporation shall become effective on May 30, 2013.

IN WITNESS WHEREOF, SUNEDISON, INC. has caused this certificate to be signed by Ahmad R. Chatila, its President and Chief Executive Officer, and attested by Martin Truong, its Vice President, General Counsel and Secretary, on this 30th day of May, 2013.

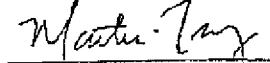
SUNEDISON, INC.

By: 

Name: Ahmad R. Chatila

Title: President and Chief Executive Officer

ATTEST:



Name: Martin Truong

Title: Vice President, General Counsel  
and Secretary

