

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Erel Milshtein</td> <td>10/20/2008</td> </tr> <tr> <td>Alex Shenderovich</td> <td>10/20/2008</td> </tr> <tr> <td>Boris Djurovic</td> <td>10/20/2008</td> </tr> <tr> <td>Daniel Liu</td> <td>10/17/2008</td> </tr> <tr> <td>Wen Chang</td> <td>10/17/2008</td> </tr> <tr> <td>Benyamin Buller</td> <td>11/05/2008</td> </tr> </tbody> </table>		Name	Execution Date	Erel Milshtein	10/20/2008	Alex Shenderovich	10/20/2008	Boris Djurovic	10/20/2008	Daniel Liu	10/17/2008	Wen Chang	10/17/2008	Benyamin Buller	11/05/2008
Name	Execution Date														
Erel Milshtein	10/20/2008														
Alex Shenderovich	10/20/2008														
Boris Djurovic	10/20/2008														
Daniel Liu	10/17/2008														
Wen Chang	10/17/2008														
Benyamin Buller	11/05/2008														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Solyndra, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>47700 Kato Road</td> </tr> <tr> <td>City:</td> <td>Fremont</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94538</td> </tr> </table>		Name:	Solyndra, Inc.	Street Address:	47700 Kato Road	City:	Fremont	State/Country:	CALIFORNIA	Postal Code:	94538				
Name:	Solyndra, Inc.														
Street Address:	47700 Kato Road														
City:	Fremont														
State/Country:	CALIFORNIA														
Postal Code:	94538														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12727184</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12727184										
Property Type	Number														
Application Number:	12727184														
CORRESPONDENCE DATA															
Fax Number:	(415)442-1177														
Phone:	4154421000														
Email:	cjacobs@morganlewis.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Brett Lovejoy c/o Morgan Lewis														
Address Line 1:	One Market Street, Spear Street Tower														
Address Line 4:	San Francisco, CALIFORNIA 94105														
ATTORNEY DOCKET NUMBER:	011641-5031-US-01														

501765226

PATENT  
 REEL: 027429 FRAME: 0876

CH \$40.00 12727184

NAME OF SUBMITTER:

Brett Lovejoy

**Total Attachments: 6**

source=Assignment\_12252354#page1.tif

source=Assignment\_12252354#page2.tif

source=Assignment\_12252354#page3.tif

source=Assignment\_12252354#page4.tif

source=Assignment\_12252354#page5.tif

source=Assignment\_12252354#page6.tif

## ASSIGNMENT

WHEREAS, WE, EREL MILSHTAIN, ALEX SHENDEROVICH, BORIS DJUROVIC, DANIEL LIU, WEN CHANG and BENYAMIN BULLER, ASSIGNORS, respectively citizens of Israel, the United States, Canada, the United States, United States, and Israel, having a correspondence address of 47700 Kato Road, Fremont, California 94538, California, are the inventors of the invention in **CONSTANT FORCE MECHANICAL SCRIBERS AND METHODS FOR USING SAME IN SEMICONDUCTOR PROCESSING APPLICATIONS** for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐
- ☒ which is identified by Jones Day docket no. 11653-048-999 (US040PN)
- ☐ which was filed on , Application No.
- ☒ We hereby authorize and request attorney(s) , at Jones Day, to insert here in parentheses (Application number, 12/252,354 filed 10/15/08 ) the filing date and application number of said application when known.

and WHEREAS, SOLYNDRA, INC., having an office for the transaction of business at 47700 Kato Road, Fremont, California 94538, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

*See Attached*

Date \_\_\_\_\_, 2008

EREL MILSHTAIN

L.S.

Date 10-20-08, 2008

*Alex Shenderovich*  
ALEX SHENDEROVICH

L.S.

Date 10-20-08, 2008

*Boris Djurovic*  
BORIS DJUROVIC

L.S.

Date 10-17-08, 2008

*Daniel C. Liu*  
DANIEL LIU

L.S.

Date 10-17-08, 2008

*Wen Chang*  
WEN CHANG

L.S.

*See Attached*

Date \_\_\_\_\_, 2008

BENYAMIN BULLER

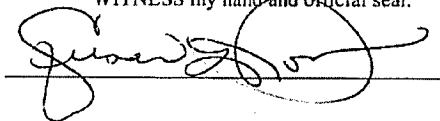
L.S.

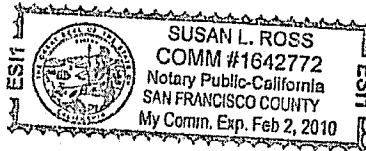
STATE OF CALIFORNIA )  
 ) ss:  
COUNTY OF ALAMEDA )

On October 20, 2008, before me, Susan L. Ross, Notary Public, personally appeared ALEX SHENDROVICH, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



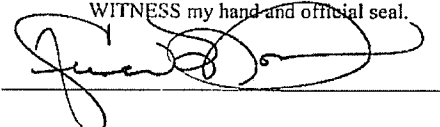


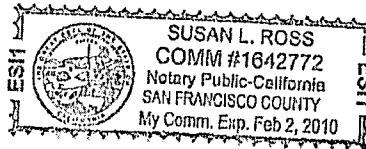
STATE OF CALIFORNIA )  
 ) ss:  
COUNTY OF ALAMEDA )

On October 20, 2008, before me, Susan L. Ross, Notary Public, personally appeared BORIS DJUROVIC, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



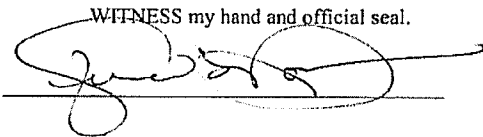


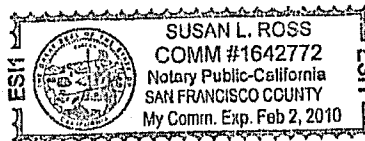
STATE OF CALIFORNIA )  
 ) ss:  
COUNTY OF ALAMEDA )

On October 17, 2008, before me, Susan L. Ross, Notary Public, personally appeared DANIEL LIU, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



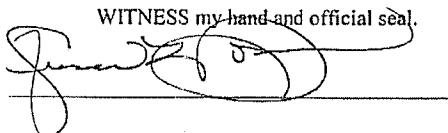


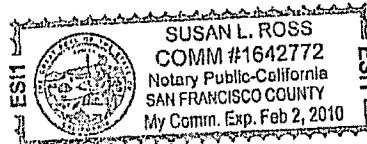
STATE OF CALIFORNIA )  
 ) ss:  
COUNTY OF ALAMEDA )

On October 17, 2008, before me, Susan L. Ross, Notary Public, personally appeared WEN CHANG, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.





## ASSIGNMENT

WHEREAS, WE, EREL MILSHTEIN, ALEX SHENDEROVICH, BORIS DJUROVIC, DANIEL LIU, WEN CHANG and BENYAMIN BULLER, ASSIGNORS, respectively citizens of Israel, the United States, Canada, the United States, United States, and Israel, having a correspondence address of 47700 Kato Road, Fremont, California 94538, California, are the inventors of the invention in **CONSTANT FORCE MECHANICAL SCRIBERS AND METHODS FOR USING SAME IN SEMICONDUCTOR PROCESSING APPLICATIONS** for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐
- ☒ which is identified by Jones Day docket no. 11653-048-999 (US040PN)
- ☐ which was filed on, Application No.
- ☒ We hereby authorize and request attorney(s), , at Jones Day, to insert here in parentheses (Application number, 12/252,334 filed 12/15/08) the filing date and application number of said application when known.

and WHEREAS, SOLYNDRA, INC., having an office for the transaction of business at 47700 Kato Road, Fremont, California 94538, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

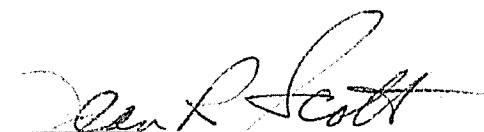
Date _____, 2008	_____ L.S.
	EREL MILSHTEIN
Date _____, 2008	_____ L.S.
	ALEX SHENDEROVICH
Date _____, 2008	_____ L.S.
	BORIS DJUROVIC
Date _____, 2008	_____ L.S.
	DANIEL LIU
Date _____, 2008	_____ L.S.
	WEN CHANG
Date <u>11-5-</u> , 2008	_____ L.S.
	BENYAMIN BULLER

State of Ohio

County of Wood

On this 5th day of November, 2008, before me JEAN R. SCOTT, the undersigned officer, personally appeared Benyamin Buller, known to me (or satisfactorily proven to be the person whose name is subscribed to the within instrument), and acknowledged that he has executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

  
Jean R. Scott, Notary Public

My commission expires: 9-15-2010



JEAN R. SCOTT  
Notary Public, State of Ohio  
My Commission Expires 09-15-2010

JOINT

ASSIGNMENT

WHEREAS, WE, EREL MILSHTEN, ALEX SHENDEROVICH, BORIS DJUROVIC, DANIEL LIU, WEN CHANG and BENYAMIN BULLER, ASSIGNORS, respectively citizens of Israel, the United States, Canada, the United States, United States, and Israel, having a correspondence address of 47700 Kato Road, Fremont, California 94538, California, are the inventors of the invention in **CONSTANT FORCE MECHANICAL SCRIBERS AND METHODS FOR USING SAME IN SEMICONDUCTOR PROCESSING APPLICATIONS** for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐  
☒ which is identified by Jones Day docket no. 11653-048-999 (US040PN)  
☐ which was filed on , Application No.  
☒ We hereby authorize and request attorney(s), , at Jones Day, to insert here in parentheses (Application number, 12/252,359 filed 10/5/08) the filing date and application number of said application when known.

and WHEREAS, SOLYNDRA, INC., having an office for the transaction of business at 47700 Kato Road, Fremont, California 94538, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date <u>10/20/</u> , 2008	<u>Erel Milshten</u> L.S. EREL MILSHTEN
Date _____, 2008	_____ ALEX SHENDEROVICH
Date _____, 2008	_____ BORIS DJUROVIC
Date _____, 2008	_____ DANIEL LIU
Date _____, 2008	_____ WEN CHANG
Date _____, 2008	_____ BENYAMIN BULLER

ACKNOWLEDGMENT

State of: California

County of: SANTA CLARA

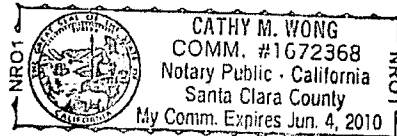
On OCTOBER 20, 2008, before me Cathy M. Wong, Notary Public  
(here insert name and title of the officer)

personally appeared EREL MILSTEIN

who proved to me on the basis of satisfactory evidence to be the person(s)  
whose name(s) is/are subscribed to the within instrument and acknowledged to  
me that he/she/they executed the same in his/her/their authorized capacity(ies),  
and that by his/her/their signature(s) on the instrument the person(s), or the  
entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Cathy M. Wong

(Seal)

This Certificate is attached to:

Title or type of document: Assignment 11653-018-999 (48040PN)

Number of pages: 1

Date of document: OCTOBER 20, 2008

Signer(s) other than named above: ALEX SHENDERONIK, BORIS DITRONC, DANIEL LIU,  
WEN CHANG, BENYAMIN BULLER