## 504336509 04/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4383197

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
JAMES GARY WOOD			04/21/2017	
RECEIVING PARTY DA	TA			
Name:	SUNPOWER, INC.			
Street Address:	2005 EAST STATE STREET			
Internal Address:	SUITE 104			
City:	ATHENS			
State/Country:	ОНЮ			
Postal Code:	45701	45701		
Property Type		Number		
Property Type		Number	7	
		<b>Number</b> 15494909		
Application Number:				
Application Number:		15494909		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be	ATA ( e sent to	15494909 (614)575-2149 • <b>the e-mail address first; if that is un</b>		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p	ATA ( e sent to provided	(614)575-2149		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email:	ATA ( e sent to provided	(614)575-2149 (614)575-2149 ( <i>the e-mail address first; if that is un</i> ( <i>if that is unsuccessful, it will be sei</i> 614 575-2100 cwendland@ohiopatent.com		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:	ATA ( e sent to provided	15494909 (614)575-2149 <b>6 <i>the e-mail address first; if that is un</i> <i>I; if that is unsuccessful, it will be sei</i> 614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER</b>		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA ( e sent to provided ( ( )	(614)575-2149 (614)575-2149 ( <i>the e-mail address first; if that is un</i> <i>I; if that is unsuccessful, it will be sel</i> 614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD.		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA ( e sent to provided	15494909 (614)575-2149 <b>6 <i>the e-mail address first; if that is un</i> <i>I; if that is unsuccessful, it will be sei</i> 614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER</b>		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA ( e sent to provided ( ( )     	15494909 (614)575-2149 <b>o the e-mail address first; if that is un</b> <b>i; if that is unsuccessful, it will be set</b> 614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD. KREMBLAS & FOSTER		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA ( e sent to provided ( ( )     	(614)575-2149 (614)575-2149 ( <i>the e-mail address first; if that is un</i> <i>I; if that is unsuccessful, it will be sel</i> 614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD. KREMBLAS & FOSTER REYNOLDSBURG, OHIO 43068	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER:	ATA ( e sent to provided ( ( )     	(614)575-2149 (614)575-2149 ( <i>the e-mail address first; if that is un</i> <i>I; if that is unsuccessful, it will be sel</i> 614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD. KREMBLAS & FOSTER REYNOLDSBURG, OHIO 43068 SUN 6695B	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone:	ATA ( e sent to provided ( ( )     	(614)575-2149 (614)575-2149 (614)575-2149 (614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD. KREMBLAS & FOSTER REYNOLDSBURG, OHIO 43068 SUN 6695B FRANK H. FOSTER, REG. NO. 2	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME AME OF SUBMITTER: BIGNATURE:	ATA ( e sent to provided ( ( )     	(614)575-2149 (614)575-2149 (614)575-2149 (614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD. KREMBLAS & FOSTER REYNOLDSBURG, OHIO 43068 SUN 6695B FRANK H. FOSTER, REG. NO. 2 /Frank H. Foster/	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: TTORNEY DOCKET NU AME OF SUBMITTER: GNATURE: DATE SIGNED:	ATA ( e sent to provided ( ( ) ) JMBER:	(614)575-2149 (614)575-2149 (614)575-2149 (614 575-2100 cwendland@ohiopatent.com FRANK H. FOSTER 7632 SLATE RIDGE BLVD. KREMBLAS & FOSTER REYNOLDSBURG, OHIO 43068 SUN 6695B FRANK H. FOSTER, REG. NO. 2 /Frank H. Foster/	nt via US Mail.	

## PATENT APPLICATION AND INVENTION ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, James Gary Wood (Assignor), a citizen of United States, residing at 3996 Marion Johnson Road, Albany, Ohio 45710 US:

Hereby sell, assign and transfer to Sunpower, Inc. (Assignee), a corporation of Ohio, having a place of business at 1055 East State Street, Suite 104, Athens, Ohio 45701, its successors, assigns and legal representatives, the entire right, title and interest for the United States and for all countries of the world, in and to any and all inventions which are disclosed in

- the non-provisional application for United States Letters Patent, which is executed concurrently herewith and is entitled FREE PISTON STIRLING ENGINE THAT REMAINS STABLE AND LIMITS STROKE DESPITE LOSS OF LOAD OR MALFUNCTION OF ENGINE CONTROLLER OR ITS CONNECTIONS, for which I/we hereby authorize and request an attorney registered to practice before the U.S. Patent & Trademark Office to insert in the following parentheses (Application number <u>15494909</u>, filed on <u>04/24/2017</u>) the application number and application filing date of said application when they become known, and
- U.S. Provisional Patent Application entitled LOSS OF LOAD TOLERANT FREE-PISTON STIRLING ENGINE, Application number 62/410,987, filed on October 21, 2016

and in and to each said application and extensions thereof including all rights of priority arising therefrom and in and to all non-provisional, divisional, continuing, substitute, renewal, reissue applications, all provisional applications directed to the same invention which have been or will be filed and all other applications for Letters Patent which have been or shall be filed in the United States and all countries of the world and all international applications on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all countries of the world on said inventions; and I do hereby authorize and request the Commissioner of Patents or other proper Officer to issue such Letters Patent, or any of them, to the said Assignee, and its successors or assigns.

Agree that said Assignee may apply for, receive and maintain Letters Patent for said inventions in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said inventions for the U.S., all other countries of the world and under all treaties; execute all rightful oaths, supplemental oaths, preliminary statements, assignments, powers of attorney, assurance of title and other papers for the U.S., all other countries and under all treaties, communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions, for complying with applicable law and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives for the U.S., all other countries and under all treaties;

Hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of said Assignee to apply for a patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

James Gary Wood (LS)

: :ss :

Before me this  $21^{\text{st}}$  day of  $Aparc_$ , 2017, personally appeared James Gary Wood, known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

TARY PUBLIC

P:\client.docs\s\sunpower\6695 loss of load tolerant fpse\6695 b (see a above)\application forms and then the



Page 2 of 2

PATENT REEL: 042136 FRAME: 0252

**RECORDED: 04/25/2017** 

State of Ohio'

County of Athens