

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2742105

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>WILLIAM JEREMY BLAKE</td> <td>01/23/2014</td> </tr> <tr> <td>JAMES R. SWARTZ</td> <td>02/24/2014</td> </tr> </tbody> </table>		Name	Execution Date	WILLIAM JEREMY BLAKE	01/23/2014	JAMES R. SWARTZ	02/24/2014						
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WILLIAM JEREMY BLAKE	01/23/2014												
JAMES R. SWARTZ	02/24/2014												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>GREENLIGHT BIOSCIENCES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>196 BOSTON AVENUE</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 2400</td> </tr> <tr> <td>City:</td> <td>MEDFORD</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02155</td> </tr> </table>		Name:	GREENLIGHT BIOSCIENCES, INC.	Street Address:	196 BOSTON AVENUE	Internal Address:	SUITE 2400	City:	MEDFORD	State/Country:	MASSACHUSETTS	Postal Code:	02155
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Application Number:	14137524												
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CORRESPONDENCE DATA													
Fax Number:	(617)646-8646												
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Email:	patents_hunterb@wolfgreenfield.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	C. HUNTER BAKER												
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.												
Address Line 2:	600 ATLANTIC AVENUE												
Address Line 4:	BOSTON, MASSACHUSETTS 02210												
ATTORNEY DOCKET NUMBER:	G0830.70012US01/WO00												
NAME OF SUBMITTER:	C. HUNTER BAKER, M.D., PH.D.												

Signature:	/C. Hunter Baker/
Date:	02/25/2014
<b>Total Attachments: 3</b> source=G0830.70012 - Executed Assignment#page1.tif source=G0830.70012 - Executed Assignment#page2.tif source=G0830.70012 - Executed Assignment#page3.tif	


## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignor, hereby:

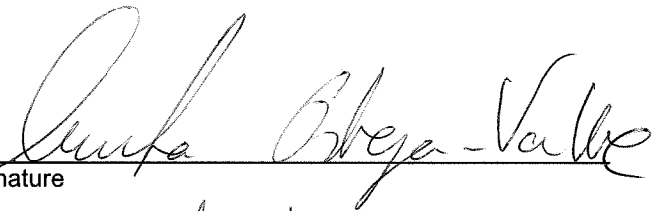
1. Sell, assign, and transfer to GreenLight Biosciences, Inc., a Delaware corporation, having a place of business at 196 Boston Avenue, Suite 2400, Medford, Massachusetts 02155, its successors, assigns, and legal representatives, all hereinafter referred to as the Assignee, my entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application filed with the United States Patent and Trademark Office on December 20, 2013 under U.S. Serial No. 14/137,524, bearing Attorney Docket No. G0830.70012US01, and entitled CELL-FREE SYSTEM FOR CONVERTING METHANE INTO FUEL AND CHEMICAL COMPOUNDS, and in the international PCT application filed with the United States Patent and Trademark Office as the Receiving Office on December 20, 2013, under No. PCT/US2013/077238, bearing Attorney Docket No. G0830.70012WO00, and entitled CELL-FREE SYSTEM FOR CONVERTING METHANE INTO FUEL AND CHEMICAL COMPOUNDS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications, utility models, industrial designs, or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including, but not limited to, China, Japan, and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan, and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model, and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney, and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the patent to the Assignee;
4. Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

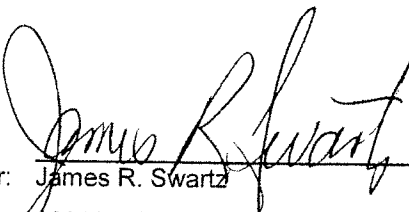
23-JAN-2014  
Date

  
Inventor: William Jeremy Blake  
Address: 30 Mayflower Road  
Winchester, Massachusetts 01890  
Citizenship: US

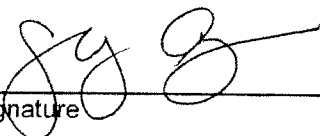
Witness:  
23-JAN-2014  
Date

  
Signature  
Name: Marta Ortega-Vallé  
Address: 345 Broadview Apt 2  
Cambridge, MA

2/24/14  
Date

  
Inventor: James R. Swartz  
Address: 1860 White Oak Drive  
Menlo Park, California 94025  
Citizenship: US

Witness:  
2/24/14  
Date

  
Signature  
Name: Stacey Shiigi  
Address: 39517 Gallaudet Dr #278  
Fremont, CA 94538