

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	
Tommy W Hawkins	03/22/2011
Stefan Schneider	03/22/2011
Michael Rosander	03/22/2011
Leslie Hudgens	03/22/2011
<b>RECEIVING PARTY DATA</b>	
Name:	Government of the United States, as represented by the Secretary of the Air Force
Street Address:	2240 B St
Internal Address:	AFMCLO/JAZ
City:	Wright-Patterson AFB
State/Country:	OHIO
Postal Code:	45433
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13107488
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(937)904-3722
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Pam Kuns
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Address Line 2:	AFMCLO/JAZ
Address Line 4:	Wright-Patterson AFB, OHIO 45433
ATTORNEY DOCKET NUMBER:	AFD 1106
NAME OF SUBMITTER:	Pam Kuns
Total Attachments: 4 source=AFD1106_Assign#page1.tif source=AFD1106_Assign#page2.tif source=AFD1106_Contractor_Assign#page1.tif source=AFD1106_Contractor_Assign#page2.tif	

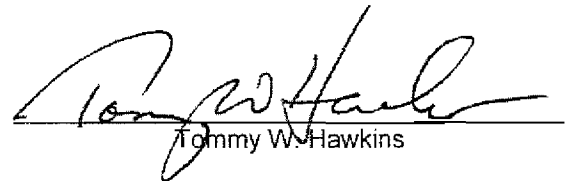
**CH \$40.00 13107488**

ASSIGNMENT

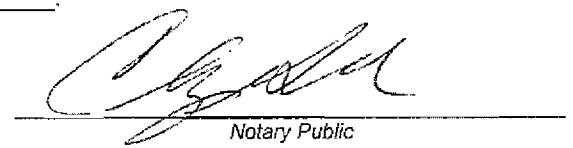
WHEREAS we, **Tommy W. Hawkins and Stefan Schneider**, while employed by the United States of America, made an invention described in invention disclosure AFD 1106 was entitled "Green Hypergolic Fuels", to be filed as an application for Letters Patent of the United States (Application number 13/107,488, filed May 13, 2011), and We hereby authorize and request AFMCLO/JAZ to insert here in the above parentheses (Application number, filed) the filing date and application number of said application when known;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, We, **Tommy W. Hawkins and Stefan Schneider**, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; We hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of our entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and We do hereby also grant to the Government of the United States as represented by the Secretary of the Air Force, the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the United States of America may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to us within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the United States of America in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the United States of America and/or in furtherance of the foreign policies of the United States of America; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that We shall not be subject to any out-of-pocket expense relative to such action.

  
Tommy W. Hawkins

SUBSCRIBED AND ACKNOWLEDGED before me by (**Tommy W. Hawkins**) this 22nd day of MARCH 2011, at the city of EDWARDS AFB in the County of KERN and State of CALIFORNIA.

  
Notary Public



Stefan Schneider  
Stefan Schneider

SUBSCRIBED AND ACKNOWLEDGED before me by (Stefan Schneider) this 22nd day of March 2011, at the city of EDWARDS AFB in the County of KERN and State of CALIFORNIA.



Christy Graham  
Notary Public

ASSIGNMENT

Application Title: GREEN HYPERGOLIC FUELS
Inventor(s): Michael Rosander and Leslie Hudgens
Serial No. / Filing Date: 13/107,488 / 5/13/11
Contractor: ERC, Inc.
Contract Number: FA9300-06-C-0023
Contractor's Invention No.:
Air Force Invention No.: AFD 1106

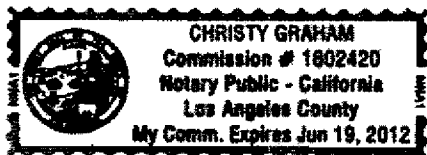
The undersigned Inventor(s) in recognition of their obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assign to the United States of America, as represented by the Secretary of the Air Force, their entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Tommy W. Hawkins & Stefan Schneider, employee(s) of the U.S. Government, and any substitution, division, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

The Inventor(s) agree to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.

Inventor [Signature] MICHAEL ROSANDER

SUBSCRIBED AND ACKNOWLEDGED before me by (MICHAEL ROSANDER) this 22nd day of MARCH 2011, at the city of EDWARDS AFB in the County of KERN and State of CALIFORNIA.



[Signature] Signature - Notary Public


Inventor [Signature] Leslie Hudgens

SUBSCRIBED AND ACKNOWLEDGED before me by Leslie Hudgens this 22nd day of MARCH 2011, at the city of EDWARDS AFB in the County of KERN and State of CALIFORNIA.

[Signature] Signature - Notary Public

**FOR THE CONTRACTOR**

Contractor: ERC

By:   
(Signature of officer or agent)

Date: March 23, 2011

Printed Name: Dr. Ernest H. Wu

Title: Chief Executive Officer (CEO)  
4901 Corporate Drive, Suite E

Business Address: Huntsville, AL 35805

I, Kenneth T. Lyles, certify that I am the Secretary of the corporation named as Contractor herein; and that Dr. Ernest H. Wu, who signed this assignment on behalf of the Contractor was then CEO of said corporation; that said assignment was duly signed for and on behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

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(Signature of Secretary of certifying official)