

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DR. JOSHUA SPURGEON	05/16/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.	
<b>Street Address:</b>	UNIVERSITY OF LOUISVILLE, OFFICE OF UNIVERSITY COUNSEL	
<b>Internal Address:</b>	A CORPORATION ORGANIZED UNDER THE LAWS OF THE COMMONWEALTH OF KENTUCKY	
<b>City:</b>	LOUISVILLE	
<b>State/Country:</b>	KENTUCKY	
<b>Postal Code:</b>	40292	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15584649
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<b>NAME OF SUBMITTER:</b>	STEPHEN C. HALL, REG. NO. 57339	
<b>SIGNATURE:</b>	/Stephen C. Hall/	
<b>DATE SIGNED:</b>	05/03/2017	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

**FOR GOOD AND VALUABLE CONSIDERATIONS**, receipt of which is acknowledged, I, **Dr. Joshua Spurgeon**, having a mailing address of University of Louisville, 216 Eastern Parkway, Ernst Hall Room 102A, Louisville, Kentucky 40292 USA, do hereby sell, assign and transfer unto University of Louisville Research Foundation, Inc., referred to herein as "**ASSIGNEE**," being a corporation organized under the laws of the Commonwealth of Kentucky, with a correspondence address of University of Louisville Research Foundation, Inc., University of Louisville, Office of University Counsel, Louisville, Kentucky 40292 U.S.A., the entire right, title and interest held by me and to the invention "Solar Hydrogen Production from Ambient Water Vapor Electrolysis," as described and/or claimed in (i) Provisional Patent Application No. 62/331,101, filed on May 3, 2016, being referred to as the Application; and/or (ii) as described and/or claimed in any other provisional, nonprovisional, substitute, continuation, continuation-in-part, divisional application(s), and/or international application(s) under the Patent Cooperation Treaty which are based in whole or in part on the Application or any of the aforesaid applications; and/or (iii) as described and/or claimed in any and all applications for Letters Patent of all foreign countries together with all Letters Patent issuing on any of such applications for Letters Patent, the same to be held and enjoyed by **ASSIGNEE**, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

**I DO HEREBY AUTHORIZE ASSIGNEE** to make application for and to receive Letters Patent for said invention in any of said countries in **ASSIGNEE's** own name, or in our names, at its election, and to claim any and all priority rights as may exist.

**I DO HEREBY COVENANT AND AGREE** to execute or procure any further necessary assurance of the title to said invention, applications, and any Letters Patent which may issue therefore, and, at any time, upon request and at the expense of **ASSIGNEE**, to deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention, applications, or any Letters Patent which may be granted therefor in **ASSIGNEE**, its successors, assigns, or other legal representatives, and, at any time, upon the request and at the expense of **ASSIGNEE**, to execute any nonprovisional, substitute, continuations, continuations-in-part, divisionals, international or any other additional applications of Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to **ASSIGNEE**, and, to make all rightful oaths, and to do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other representatives.

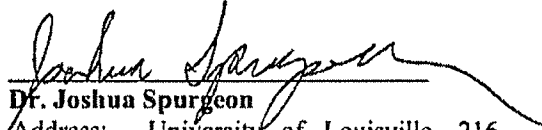
**I DO HEREBY AUTHORIZE AND REQUEST** the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid application to said **ASSIGNEE**.

**I DO HEREBY COVENANT** that I have not executed, and will not execute, any agreement in conflict herewith.

**I DO HEREBY COVENANT** that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the full conveyance of entire right, title and interest to the invention and Application described herein.

AND I DO HEREBY GRANT the law firm of Wyatt, Tarrant & Combs, LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or other patent office for recordation of this document, including serial numbers and filing dates.

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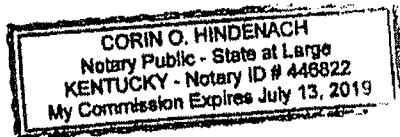
  
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#### ACKNOWLEDGEMENT

STATE OF KENTUCKY     )  
                                      ) :SS  
COUNTY OF JEFFERSON )

The foregoing instrument was subscribed, sworn to and acknowledged before me this  
16 day of May, 2016, by Dr. Joshua Spurgeon.

My commission expires: 7/13/19



  
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