

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4342845

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DAVID A. BLANK	03/28/2017
RECEIVING PARTY DATA		
Name:	HCRI TECHNOLOGIES INTERNATIONAL, LLC	
Street Address:	1294 MASTERS DRIVE	
City:	ARNOLD	
State/Country:	MARYLAND	
Postal Code:	21012	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14690004	
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ATTORNEY DOCKET NUMBER:	140973.7	
NAME OF SUBMITTER:	BARBARA H. BALLEW	
SIGNATURE:	/Barbara H. Ballew/	
DATE SIGNED:	03/29/2017	
Total Attachments: 2		
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ASSIGNMENT

THIS ASSIGNMENT AND AGREEMENT made effective as of execution hereof ("Effective Date") by David A. Blank, of 1294 Masters Drive, Arnold, Maryland 21012 (hereinafter referred to as "Assignor") to HCRI Technologies International, LLC, having an address of 1294 Masters Drive, Arnold, Maryland 21012, a Delaware corporation (hereinafter referred to as "Assignee").

WITNESSETH:

WHEREAS, Assignor has invented a Combustion Control via Homogeneous Combustion Radical Ignition (HCRI) or Partial HCRI in Cyclic IC Engines (hereinafter the "Invention") for which a utility patent application has been filed in the U.S. Patent and Trademark Office, the application being identified as follows:

Title: Combustion Control via Homogeneous Combustion Radical Ignition
(HCRI) or Partial HCRI in Cyclic IC Engines
Patent Application Serial No. 14/690,004
Filing Date: April 17, 2015
Attorney Docket No. 140973.7
Applicant: David A. Blank

(hereinafter referred to as "the Patent Application"); and

WHEREAS, Assignee desires to obtain from Assignor his entire right to the Patent Application and the Invention and improvements thereto and all rights thereto in the United States of America and all countries throughout the entire World, their respective possessions and territories (collectively hereinafter referred to as "the Territory"), and in any and all patents and/or other rights which may be granted to Assignor within the Territory for the Invention.

NOW, THEREFORE, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor agrees as follows:

1. *Assignment.* Assignor agrees to assign and hereby assigns to Assignee any and all of his entire right, title, and interest in the Patent Application and in the Invention, in the Territory, and in any improvements in the Invention heretofore, and to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property; and in any patent applications and patents in the Territory based upon the Patent Application or Patent applications related thereto (including applications filed under the Patent Cooperation Treaty ("PCT")), and in any patents for or other rights in the Invention and/or the improvements that may be granted by a governmental entity in the Territory, including each patent granted on any application, including, but not limited to, any application filed under the PCT, any provisional application, any non-provisional application, any utility application, any design application, any continuing prosecution application, any request for continued examination application, any other type of continued examination application, and any application having similar effect as any of the foregoing applications, and any application which is a division,


substitution, continuation-in-part, or continuation of applications contemplated herein, and in each issue, reissue, re-examination, or extension of any patents based on such application.

2. *Cooperation.* Assignor agrees to cooperate with Assignee such that Assignee may enjoy to the fullest extent the rights conveyed hereunder. Such duty includes prompt execution of all assignments and applications, foreign or domestic, and other papers that are deemed necessary or desirable by Assignee to perfect in Assignee the conveyed rights.

3. *Parties.* The terms, covenants, and conditions of the assignment shall inure to the benefit of Assignee, its successors, assigns and/or other legal representatives, and shall be binding on the Assignor, his heirs, legal representatives, and assigns.

IN WITNESS WHEREOF, Assignor has executed this Assignment to be effective as of the Effective Date.

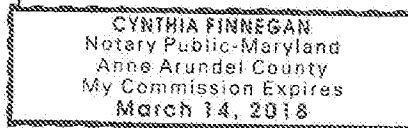
March 28, 2017
Date

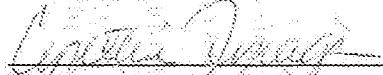

David A. Blank

State of Maryland)

County of Anne Arundel)

Subscribed and sworn before me
this 28 day of March, 2017.




Notary Public, in and for the State of Maryland
My commission expires: March 14, 2018