

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4550529

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
DEEP RIVER VENTURES, LLC			10/17/2016
RECEIVING PARTY DATA			
Name:	IH IP HOLDINGS LIMITED		
Street Address:	111 EAST HARGETT STREET, SUITE 300		
City:	RALEIGH		
State/Country:	NORTH CAROLINA		
Postal Code:	27601		
PROPERTY NUMBERS Total: 2			
Property Type	Number		
Application Number:	62347924		
Application Number:	15617347		
CORRESPONDENCE DATA			
Fax Number:	(919)882-8195		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	9193482194		
Email:	dockete@nkpatentlaw.com		
Correspondent Name:	NK PATENT LAW, PLLC		
Address Line 1:	4917 WATERS EDGE DRIVE, SUITE 275		
Address Line 4:	RALEIGH, NORTH CAROLINA 27606		
ATTORNEY DOCKET NUMBER:	438/25 PROV & UTIL		
NAME OF SUBMITTER:	JUSTIN R. NIFONG		
SIGNATURE:	/JUSTIN R. NIFONG/		
DATE SIGNED:	08/15/2017		
Total Attachments: 3			
source=IH-024 Assignment from DRV to IH IP#page1.tif			
source=IH-024 Assignment from DRV to IH IP#page2.tif			
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ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, **Deep River Ventures, LLC**, having its principal place of business at 2509 Glenwood Avenue, Raleigh, NC 27608, (hereafter referred to as "Assignor(s)") hereby assigns to **IH IP Holdings Limited**, a corporation duly organized under and pursuant to the laws of Jersey, having a registered address at 44 Esplanade, St. Helier, Jersey JE4 9WG (hereby referred to as "Assignee"), the entire right, title, and interest owned by the Assignor in and to the methods and apparatus for testing fuel materials (hereby referred to as "Inventions") as described in the application for patent, U.S. Provisional Application No. 62/347,924 titled Methods and Apparatus for Testing Fuel Materials for Exothermic Reactions, and described in any and all applications in any and all countries derived thereof, and the entire right, title, and interest owned by the Assignor in and to any and all applications for Patents, including but not limited to Letters Patent and Design Patents, or Utility Models in any and all countries and pursuant to all multilateral treaty organizations, including the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty and the European Patent Convention, including without limitation, all continuations, continuations-in-part, divisions, or other applications claiming priority directly or indirectly from the afore identified application for patent, and any United States or foreign Letters Patent and Design Patents, Utility Models, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, together with the right to claim priority to any of the aforesaid applications and patents and any applications and patents derived thereof and therefrom, these rights, titles, and interests to be held and enjoyed by Assignee, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this Assignment not been made.

Assignor further transfers and assigns to Assignee all causes of action, rights, and remedies arising under any of the aforesaid applications for patents, including but not limited to Letters Patents, Design Patents and Utility Models, and any other similar rights resulting therefrom prior to or after the effective date of this Assignment, and the right to sue for and recover for past infringements of or liabilities for any of the rights relating to any of the applications for Patents, Letters Patents, utility models, or other similar rights resulting therefrom.

Assignor hereby authorizes and requests any official whose duty is to issue patents to issue any patent on Inventions or resulting therefrom to Assignee, or its successors, assigns, or nominees.

Assignor hereby agrees, on request and without further consideration, but at the expense of Assignee, to communicate to Assignee or its representatives or nominees any facts known to us with respect to related improvements and to testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, continuations-in-part, and reissue applications, make all rightful oaths, and generally aid Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for Inventions.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment. Assignor hereby agrees that we will not take any actions in violation of this Assignment.

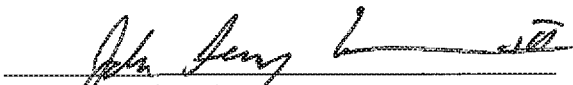
This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of the United States.

If any of the provisions of this Assignment shall be deemed invalid or unenforceable, the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly.

Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment.

Deep River Ventures, LLC

Date October 17, 2017

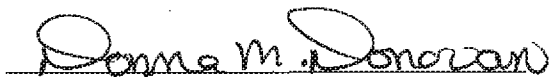

Signature of Assignor

John Dewey Weaver, III, Managing Director
Name, Title

North Carolina
Wake County

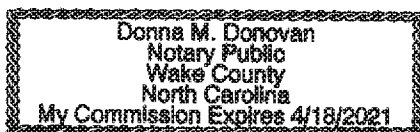
I, Donna M. Donovan, a Notary Public for said County and State, do hereby certify that John Dewey Weaver, III, Managing Director of Deep River Ventures, LLC, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17th day of October, 2016.


Notary Public

My commission expires:

April 18, 2021

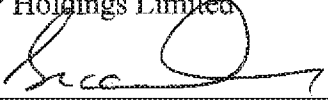


ACCEPTANCE OF ASSIGNMENT

Assignee hereby accepts the foregoing assignment.

Date 24/11/2016

IH IP Holdings Limited


Signature of Assignee

Becci Newman
Director

Name, Title

Date 24/11/2016

Witnessed by LRosa

Name: Letitia Rosa

Address: 44 Esplanade, St Helier, Jersey, JE4 9WG