## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TANVIR FAROUK	03/30/2017
FREDERICK L. DRYER	03/30/2017
SANG HEE WON	03/30/2017

## **RECEIVING PARTY DATA**

Name:	UNIVERSITY OF SOUTH CAROLINA	
Street Address:	OSBORNE ADMINISTRATION BUILDING	
Internal Address:	SUITE 109	
City:	COLUMBIA	
State/Country:	SOUTH CAROLINA	
Postal Code:	29208	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15472381

## **CORRESPONDENCE DATA**

Fax Number:

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.

Email:docketing@dority-manning.comCorrespondent Name:DORITY & MANNING, P.A.Address Line 1:POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602-1449

ATTORNEY DOCKET NUMBER: USC-475 (1156)

NAME OF SUBMITTER: CHRISTINA L. MANGELSEN

SIGNATURE: /christina l. mangelsen 50,244/

DATE SIGNED: 04/03/2017

**Total Attachments: 2** 

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PATENT 504302969 REEL: 041825 FRAME: 0459

ATTORNEY DOCKET NUMBER: USC-475 (1156)

# ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Tanvir Farouk, a citizen of Bangladesh, residing at 1117 Belfair Way, Irmo, SC 29063; Frederick L. Dryer, a citizen of the United States, residing at 1053 Inverness Drive, St. Augustine, Florida 32092; and Sang Hee Won, a citizen of South Korea, residing at 311 Belfair Road, Irmo, South Carolina 29063, as assignors, have made an invention entitled

## "METHODOLOGY AND SYSTEM FOR REFORMING LIQUID FUEL"

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 15/472,381, which was filed in the U.S. Patent and Trademark Office on March 29, 2017; and

WHEREAS, University of South Carolina, Osborne Administration Building, Suite 109, Columbia, South Carolina 29208, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

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AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignors have executed this document on the date indicated below.

TanvirFarouk
Digitally signed by Frederick L. Dryer
Div. one-Frederick L. Dryer
Div. one-Frederick L. Dryer
Div. one-Frederick L. Dryer
Div. one-Frederick L. Dryer
Serial-Dryer Grandibox sc. edu, calls
Date: 2017/33.501311:581-04/00\*

Sang Hée Won

March 30, 2017

2/

Date