

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4652196

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHUANG GU	03/15/2017
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<b>Property Type</b>	<b>Number</b>
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<b>DATE SIGNED:</b>	10/23/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, I, Shuang Gu, of 14013 E. Mainsgate Street, Wichita, Kansas 67228 have jointly invented together with Farshad Houtaham, certain new and useful improvements in

### CONVERSION OF NATURAL GAS INTO CLEAN LIQUID FUELS,

which is the subject of U.S. Provisional Patent Application No. 62/410,596, filed October 20, 2016; and

WHEREAS, Wichita State University, a corporation duly organized under the laws of the State of Kansas, and having its principal place of business at 1845 Fairmount Street, Wichita, Kansas 67260, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Shuang Gu, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Wichita State University, the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Application;
- (b) said Provisional Application Serial No. 62/410,596, filed October 20, 2016;
- (c) any and all non-provisional applications based upon or claiming the priority of said provisional application;
- (d) any and all Letters Patent of the United States of America which may issue from a non-provisional application based upon or claiming the priority of said provisional application, and refilings, divisions and continuations of such non-provisional applications;

(e) any and all reissues of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent on said invention which have heretofore been filed or may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations;  
and

(i) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Wichita State University for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

Assignor further agrees to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.



Wichita State University hereby declares it accepts the rights and property hereby assigned and transferred to it.

Wichita State University

By:   
John Tomblin  
Vice President for Research & Technology Transfer