

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
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YUANYU TIAN	10/31/2019
YINGYUN QIAO	10/31/2019
KECHANG XIE	10/31/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16671461
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<b>NAME OF SUBMITTER:</b>	DOUGLAS J. BUCKLIN
<b>SIGNATURE:</b>	/Douglas J. Bucklin/
<b>DATE SIGNED:</b>	11/01/2019

**Total Attachments: 7**

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ASSIGNMENT

Yuanyu Tian, Yingyun Qiao, Kechang Xie, Jinhong Zhang, Peijie Zong, and Yuan Jiang, all citizens of China and all having an address of China Shandong Qingdao No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, P.R. China, 266580, (all of the above hereafter jointly and severally referred to as the "undersigned") are the inventors of

GASIFICATION CO-GENERATION PROCESS OF  
COAL POWDER IN A Y-TYPE ENTRAINED FLOW BED

for which the undersigned has executed an application for United States Letters Patent, U.S. Patent Application No. 16/671,461, filed November 1, 2019.

The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

China University of Petroleum (East China), having a principal place of business at China Shandong Qingdao No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, P.R. China, 266580, (hereafter referred to as the "assignee") is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign, and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title, and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignees, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 31 day of oct, 2019  
at China  
(Place)

Witness:

\_\_\_\_\_  
Yuanyu Tian

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this 31 day of Oct, 2019

at China  
(Place)

Witness:

Yingyun Qiao  
Yingyun Qiao

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this 31 day of oct, 2019

at China  
(Place)

Witness:

Kechang Xie  
Kechang Xie

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please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this 31 day of oct, 2019

at China  
(Place)

Witness:

Jimhong Zhang  
Jimhong Zhang

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please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this 31 day of Oct, 2019

at China  
(Place)

Witness:

Peijie Zong  
Peijie Zong

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)



EXECUTED under seal on this 31 day of Oct, 2019

at China  
(Place)

Witness:

Yuan Jiang  
Yuan Jiang

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please subscribe appropriate notarization and obtain APOSTILLE)