

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5884962

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YU CU	12/01/2019
XIAOFAN HUANG	12/01/2019
XIAOPING TANG	12/01/2019
TONG WANG	12/01/2019
WEIZHONG QIAN	12/01/2019
FEI WEI	12/01/2019
CHANGPING GAO	12/01/2019
XIULIN WANG	12/01/2019
ZUORU YIN	12/01/2019

RECEIVING PARTY DATA

Name:	HUADIAN COAL INDUSTRY GROUP CO., LTD.
Street Address:	A303, NO.10 ZHONGXING ROAD, SCIENCE AND TECHNOLOGY PARK, CHANGPING DISTRICT
City:	BEIJING CITY
State/Country:	CHINA
Postal Code:	102200
Name:	TSINGHUA UNIVERSITY
Street Address:	QINGHUA PARK, HAIDIAN DISTRICT
City:	BEIJING CITY
State/Country:	CHINA
Postal Code:	100084

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16626715

CORRESPONDENCE DATA

Fax Number: (612)455-3801

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.

Phone: 6124553800

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PATENT

Correspondent Name:	HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
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ATTORNEY DOCKET NUMBER:	14618.1030USWO
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NAME OF SUBMITTER:	BRYAN A. WONG
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SIGNATURE:	/Bryan A. Wong/
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DATE SIGNED:	12/26/2019
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Total Attachments: 3

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. **Yu CU** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China;
2. **Xiaofan HUANG** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China;
3. **Xiaoping TANG** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China;
4. **Tong WANG** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China;
5. **Weizhong QIAN** having an address of No. 1, Qinghua Park, Haidian District, Beijing City, 100084, China;
6. **Fei WEI** having an address of No. 1, Qinghua Park, Haidian District, Beijing City, 100084, China;
7. **Changping GAO** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China;
8. **Xiulin WANG** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China; and
9. **Zuoru YIN** having an address of A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on _____, entitled SYSTEM AND METHOD FOR PREPARING AROMATICS BY USING SYNGAS, and which has been given application serial number _____;

and

WHEREAS **Huadian Coal Industry Group Co., Ltd.** (hereinafter "ASSIGNEE") a corporation organized under the laws of China and having an office and place of business at A303, No.10 Zhongxing Road, Science and Technology Park, Changping District, Beijing City, 102200, China and **Tsinghua University** (hereinafter "ASSIGNEE") a corporation organized under the laws of China and having an office and place of business at Qinghua Park, Haidian District, Beijing City, 100084, China wish to acquire the entire

right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

<u>Tu Cui</u>	<u>2019.12.1</u>
1. Yu CU	Date
<u>Xiaofan Huang</u>	<u>2019.12.1</u>
2. Xiaofan HUANG	Date
<u>Xiaoping Tang</u>	<u>2019.12.1</u>
3. Xiaoping TANG	Date

Tong Wang
4. Tong WANG

2019.12.1
Date

Weizhong Qian
5. Weizhong QIAN

2019.12.1
Date

Fei Wei
6. Fei WEI

2019.12.1
Date

Changping Gao
7. Changping GAO

2019.12.1
Date

Xiulin Wang
8. Xiulin WANG

2019.12.1
Date

Zuoru Yin
9. Zuoru YIN

2019.12.1
Date