05/21/2021 506676030

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| GUANGLI HE | 04/14/2021 |
| KANG YANG | 04/08/2021 |
| QIANG GUO | 04/09/2021 |
| YUJIAN FAN | 04/08/2021 |
| ZHUANG XU | 04/08/2021 |

RECEIVING PARTY DATA

| Name: | NATIONAL INSTITUTE OF CLEAN-AND-LOW-CARBON ENERGY |
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| Street Address: | SHENHUA LOW CARBON 001# POSTBOX, FUTURE SCIENCE & |
| Internal Address: | TECHNOLOGY PARK, CHANGPING DISTRICT |
| City: | BEIJING, |
| State/Country: | CHINA |
| Postal Code: | 102209 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17278060 |

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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: vgreco@vklaw.com **Correspondent Name:** DOUGLAS J. BUCKLIN Address Line 1: 30 SOUTH 17TH STREET

Address Line 2: 18TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

| ATTORNEY DOCKET NUMBER: | RAP3-PT238 |
|-------------------------|--|
| NAME OF SUBMITTER: | DOUGLAS J. BUCKLIN |
| SIGNATURE: | /Douglas J. Bucklin/ |
| DATE SIGNED: | 05/21/2021 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 10 source=RAP3_PT238_Signed_Assignment_and_Declaration#page1.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page2.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page3.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page4.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page5.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page6.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page7.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page8.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page9.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page9.tif source=RAP3_PT238_Signed_Assignment_and_Declaration#page10.tif

ASSIGNMENT AND DECLARATION

With respect to the invention titled

HYDROGEN FUELING CONTROL DEVICE AND METHOD

for which the undersigned has authorized or prepared an application for United States Letters Patent, U.S. Patent Application No. <u>17/278,060</u>, filed on <u>March 19, 2021</u>, which was a U.S. national stage application of PCT/CN2019/078146, filed on March 14, 2019.

I (the undersigned) hereby state the following.

DECLARATION

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

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Atty, Docket No. RAP3-PT238

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

ASSIGNMENT

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.

| Assignee | National Institute of Clean-and-Low-Carbon Energy |
|---|---|
| Assignee State or Country of Incorporation | CN |
| Assignee Address | Shenhua Low Carbon 001# Postbox, Future Science & Technology Park, Changping District, Beijing 102209 China |

Assignee is desirous of acquiring the entire right, title and interest in the invention, all applications for and all letters patent issued on the invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors,

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Atty. Docket No. RAP3-PT238

assigns and legal representatives the entire right, title, and interest in the

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 the 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 assignee, 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.

AND this Assignment may be executed in multiple counterparts, each of

which shall be deemed to be an original of this Assignment. Additionally, the

undersigned hereby authorizes our attorneys to collect the signature pages of

each executed counterpart and to attach those signature pages to a single

copy of this instrument, which single copy and attached signature pages

together shall constitute an original of this Assignment.

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SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

| Inventor's Name | Guangli He | |
|-------------------------|---|-----|
| Inventor's Signatüre | Eurorgh 175 | |
| | 2001 A, Uf | |
| Signed at | (City and Country) | |
| STATEMI | ENT OF WITNESS (optional): | |
| | <i>t,</i> | |
| | Name of Witness | |
| was perso | onally present and did seeinventor identified above | |
| execute known | this Assignment on and such Assignor is persona | lly |
| | date | |
| to me to | be the person described herein. | |
| Witness Signature | | |

Atty. Docket No. RAP3-PT238

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

4 Additional inventors are being named on the __4_ supplemental sheet(s) attached hereto.

Ó

SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

| Inventor's Name | Kang Yang |
|-------------------------|--|
| Inventor's Signature | Kong Young. |
| Date | 8+h April. 707 |
| Signed at | Beiling D. R. Chima. (City and Country) |
| STATEM | ENT OF WITNESS (optional): |
| | l, |
| | Name of Witness |
| was perso | onally present and did see |
| | inventor identified above |
| execute known | this Assignment on and such Assignor is personally |
| | date |
| to me to | be the person described herein. |
| Witness | |
| Signature | |

SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

| Inventor's Name | Qiang Guo |
|-------------------------|--|
| Inventor's Signature | Qrang Quo |
| | 2021.4.9 |
| Signed at | Beilly China |
| | (City and Country) |
| STATEMI | ENT OF WITNESS (optional): |
| | <i>l</i> , |
| | Name of Witness |
| was pers | onally present and did see |
| , | inventor identified above |
| execute known | this Assignment on and such Assignor is personally |
| Kuown | date |
| to me to | o be the person described herein. |
| Witness | |
| Sianature | |

SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

| Inventor's Name | Yujian Fan |
|-------------------------|---|
| inventor's Signature | Ywjian Fan |
| Date | 8 ppri(201 |
| Signed at | Beiging, P.R. China (City and Country) |
| STATEM | ENT OF WITNESS (optional): |
| | |
| | Name of Witness |
| was pers | onally present and did seeinventor identified above |
| | titlesten mann |
| execute known | this Assignment on and such Assignor is personally |
| | date |
| to me t | o be the person described herein. |
| Witness Signature | |

SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

| Inventoris Name | Zhuang Xu |
|-------------------------|--|
| Inventor's Signature | 2/mang XV |
| Date | 8 Mpril 2021 |
| Signed at | Beijing, P. R. China (City and Country) |
| | (City and Country) |
| STATEM | ENT OF WITNESS (optional): |
| | |
| | Name of Witness |
| was pers | onally present and did see |
| | inventor identified above |
| execute known | this Assignment on and such Assignor is personally |
| | date |
| to me t | o be the person described herein. |
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