

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6310029

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD YOUN	09/16/2020
XIANMING LI	09/18/2020
PINGJIAO HAO	09/11/2020
ANTHONY KU	09/10/2020
JERAD ALLEN STAGER	09/16/2020

RECEIVING PARTY DATA

Name:	CHINA ENERGY INVESTMENT CORPORATION LIMITED
Street Address:	NO. 22, XIBINHE ROAD, ANDINGMEN
Internal Address:	DONGCHENG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100011
Name:	NATIONAL INSTITUTE OF CLEAN-AND-LOW-CARBON ENERGY
Street Address:	NO. 9, BINHE AVENUE, FUTURE SCIENCE CITY
Internal Address:	CHANGPING DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	102211

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17027697

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.

Phone: 9723707997

Email: charles_ho@barron-young.com

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PATENT

ATTORNEY DOCKET NUMBER:	YUHONG-20032-USPT
NAME OF SUBMITTER:	CHARLES HO
SIGNATURE:	/Charles Ho/
DATE SIGNED:	09/22/2020
Total Attachments: 5 source=Executed_assignment#page1.tif source=Executed_assignment#page2.tif source=Executed_assignment#page3.tif source=Executed_assignment#page4.tif source=Executed_assignment#page5.tif	

ASSIGNMENT - Patent Application	Docket Number: <u>YUHONG-20032-USPT</u>
Whereas, the Assignor, comprising the following named inventors:	
ASSIGNOR(s)/ INVENTOR(s)	Edward Youn
made an invention entitled: <u>METHOD AND APPARATUS FOR CALCULATING VOLUME OF COMPRESSED GAS STORAGE VESSEL, COMPUTER, AND MEDIUM</u>	
for which an application for Letters Patent of the United States: (Select one of the following):	
<input checked="" type="checkbox"/> is executed concurrently herewith <input type="checkbox"/> was filed in the U.S. Patent and Trademark Office on _____, as U.S. Patent Application Serial No.: _____	
ASSIGNEE (Full Name, Address and Country)	1) China Energy Investment Corporation Limited No. 22, Xibinhe Road, Andingmen, Dongcheng District, Beijing 100011 China 2) National Institute of Clean-and-Low-Carbon Energy No. 9, Binhe Avenue, Future Science City, Changping District, Beijing 102211 China
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor, Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto. Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, 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 in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. In witness whereof, this Assignment is executed on the day indicated below.	

	Typed or Printed Name	Signature	Date
SIGNATURE	Edward Youn	X 	X 09/16/2020

ASSIGNMENT - Patent Application

Docket Number: **YUHONG-20032-USPT**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)

Xianming Li

made an invention entitled: **METHOD AND APPARATUS FOR CALCULATING VOLUME OF COMPRESSED GAS STORAGE VESSEL, COMPUTER, AND MEDIUM**

for which an application for Letters Patent of the United States:

(Select one of the following):

is executed concurrently herewith

was filed in the U.S. Patent and Trademark Office on _____,

as U.S. Patent Application Serial No.: _____

ASSIGNEE
(Full Name, Address and
Country)

1) China Energy Investment Corporation Limited

No. 22, Xibinhe Road, Andingmen, Dongcheng District, Beijing 100011

China

2) National Institute of Clean-and-Low-Carbon Energy

No. 9, Binhe Avenue, Future Science City, Changping District, Beijing 102211

China

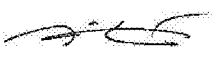
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.


Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, 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 in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.


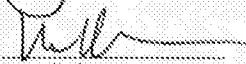
In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Xianming Li	X 	X 9/18/2020

ASSIGNMENT - Patent Application		Docket Number: YUHONG-20032-USPT
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	Pingjiao Hao	
made an invention entitled: METHOD AND APPARATUS FOR CALCULATING VOLUME OF COMPRESSED GAS STORAGE VESSEL, COMPUTER, AND MEDIUM		
for which an application for Letters Patent of the United States: (Select one of the following):		
<input checked="" type="checkbox"/>	is executed concurrently herewith	
<input type="checkbox"/>	was filed in the U.S. Patent and Trademark Office on _____ as U.S. Patent Application Serial No.:	
ASSIGNEE (Full Name, Address and Country)	1) China Energy Investment Corporation Limited No. 22, Xibinhe Road, Andingmen, Dongcheng District, Beijing 100011 China 2) National Institute of Clean-and-Low-Carbon Energy No. 9, Binhe Avenue, Future Science City, Changping District, Beijing 102211 China	
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor.		
<p>Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.</p> <p>Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.</p> <p>Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, 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 in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.</p> <p>In witness whereof, this Assignment is executed on the day indicated below.</p>		

	Typed or Printed Name	Signature	Date
SIGNATURE	Pingjiao Hao	X 	X 9/11/2020

ASSIGNMENT - Patent Application		Docket Number: <u>YUHONG-20032-USPT</u>
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	Anthony Ku	
made an invention entitled: METHOD AND APPARATUS FOR CALCULATING VOLUME OF COMPRESSED GAS STORAGE VESSEL, COMPUTER, AND MEDIUM		
for which an application for Letters Patent of the United States. (Select one of the following)		
<input checked="" type="checkbox"/>	is executed concurrently herewith	
<input type="checkbox"/>	was filed in the U.S. Patent and Trademark Office on _____ as U.S. Patent Application Serial No. _____	
ASSIGNEE (Full Name, Address and Country)	1) China Energy Investment Corporation Limited No. 22, Xibinhe Road, Andingmen, Dongcheng District, Beijing 100011 China 2) National Institute of Clean-and-Low-Carbon Energy No. 9, Binhe Avenue, Future Science City, Changping District, Beijing 102211 China	
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<p>Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00); and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.</p> <p>Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.</p> <p>Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, 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 in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.</p> <p>In witness whereof, this Assignment is executed on the day indicated below.</p>		

	Typed or Printed Name	Signature	Date
SIGNATURE	Anthony Ku	X 	X 9-10-2020
	<i>Wankun Ku</i>	X 	
	* Witness to Assignor	* Witness to Assignor	

(YUHONG-20032-USPT-1210054v1)

ASSIGNMENT - Patent Application

Docket Number: YUHONG-20032-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)**Jerad Allen Stager**made an invention entitled: **METHOD AND APPARATUS FOR CALCULATING VOLUME OF COMPRESSED GAS STORAGE VESSEL, COMPUTER, AND MEDIUM**for which an application for Letters Patent of the United States:
(Select one of the following):

is executed concurrently herewith



was filed in the U.S. Patent and Trademark Office on _____,

as U.S. Patent Application Serial No.: _____

ASSIGNEE
(Full Name, Address and
Country)1) **China Energy Investment Corporation Limited****No. 22, Xibinhe Road, Andingmen, Dongcheng District, Beijing 100011****China**2) **National Institute of Clean-and-Low-Carbon Energy****No. 9, Binhe Avenue, Future Science City, Changping District, Beijing 102211****China**

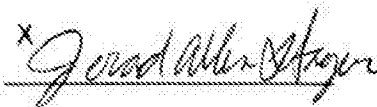
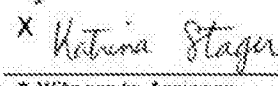
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Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Jerad Allen Stager	X 	X <u>9/16/2020</u>
	Katrina Stager	X 	
	* Witness to Assignor	* Witness to Assignor	

PATENT**RECORDED: 09/22/2020****REEL: 053837 FRAME: 0729**