504324321 04/17/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4371005

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GANG XIAO	03/30/2017
TIANFENG YANG	03/30/2017
MINGJIANG NI	03/30/2017
ZHONGYANG LUO	03/30/2017
XIANG GAO	03/30/2017
KEFA CEN	03/30/2017
MENGXIANG FANG	03/30/2017
JINSONG ZHOU	03/30/2017
ZHENGLUN SHI	03/30/2017
LEMING CHENG	03/30/2017
QINHUI WANG	03/30/2017
SHURONG WANG	03/30/2017
CHUNJIANG YU	03/30/2017
TAO WANG	03/30/2017
CHENGHANG ZHENG	03/30/2017

RECEIVING PARTY DATA

Name:	ZHEJIANG UNIVERSITY
Street Address:	38 ZHEDA ROAD
Internal Address:	XIHU DISTRICT
City:	HANGZHOU, ZHEJIANG PROVINCE
State/Country:	CHINA
Postal Code:	310027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15489060

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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.

504324321 REEL: 042269 FRAME: 0605

Phone: 612-334-3222

Email: dedminster@wck.com
Correspondent Name: DAVID D. BRUSH

Address Line 1: 900 SECOND AVENUE SOUTH

Address Line 2: SUITE 1400

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	Z035.0002US1
NAME OF SUBMITTER:	DAVID D. BRUSH
SIGNATURE:	/David D. Brush/
DATE SIGNED:	04/17/2017

Total Attachments: 7

source=2017-04-17_Executed-Assignment_G17001M-CNUS#page1.tif source=2017-04-17_Executed-Assignment_G17001M-CNUS#page2.tif source=2017-04-17_Executed-Assignment_G17001M-CNUS#page3.tif source=2017-04-17_Executed-Assignment_G17001M-CNUS#page4.tif source=2017-04-17_Executed-Assignment_G17001M-CNUS#page5.tif source=2017-04-17_Executed-Assignment_G17001M-CNUS#page6.tif source=2017-04-17_Executed-Assignment_G17001M-CNUS#page7.tif

PATENT REEL: 042269 FRAME: 0606 FOR PRIORITY APPLICATION ENTERING UNITED STATES

Attorney Docket No.

Z035.0002US1

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

This assignment-declaration is directed to the subject matter which is claimed in the application entitled <u>"A SYSTEM OF SOLAR CHEMICALLY RECUPERATED GAS TURBINE"</u>, the specification of which having the above title and/or attorney docket number.

X	is attached hereto, or as previously filed with the USPTO,
	was filed on April 17, 2017 as Appln. No. 15/489,060
	was amended on , and/or
	based on Chinese Patent Application No. 201610236918.5, filed on April 15, 2016;
Х	based on Chinese Patent Application No. 2016/1077755.7, filed on November 30, 2016:

A. ASSIGNMENT

WHEREAS, Zhejiang University (hereinafter referred to as Assignee), a university organized and existing under the laws of China, and having offices at 38 Zheda Road, Xihu District, Hangzhou, Zhejiang Province, 310027, China, is desirous of acquiring the entire right, title and interest in and to the above-identified invention(s), the application(s) and any and all Letters Patent(s) or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention(s), the above-identified application(s), any provisional to which the benefit is claimed, all inventions and improvements which are disclosed in the patent applications, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent(s) which have been or shall be filed in the United States on any of said inventions and/or improvements, all rights of priority resulting from the filing of the above-identified patent application(s), and all Letters Patent or similar legal protection issuing thereon; and I authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

B. DECLARATION

AUTHORIZATION TO PERMIT ACCESS TO APPLICATION BY PARTICIPATING OFFICE

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

Z035.0002US1

intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

If the above-identified application is to be or was filed on or after September 16, 2012:

I declare that the above-identified application was made or authorized to be made by me.

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

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 five (5) years, or both.

If the above-identified application was filed before September 16, 2012:

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed, and for which a patent is sought, on the subject matter which is claimed in the above-identified application.

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to **David D. Brush** in care of:

Customer Number 27367

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

X1AO, Gang from	120, Huan Les
Signature of Inventor (1)	Signature of Witness Date: 201777
Date :Mar) 0, 20/7	Date : 201////4/
XIAO,Gang	17.U. Hvan Sei
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	39 Zhada Road, Xidu District
310027 Hangzhou, Zhejiang Province	310027 Hang Zhou, Zhejrony Brovine
China	Chra
* × × ×	
YANG, Tranford	ZHOU, XIA
Signature of Inventor (2)	Signature of Witness
Date : 2017/3/30	Date : 247/3/2
YANG, Tianfeng	ZHOU Yin
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor;	Residence of Witness:
	28 Zheda Road , Xi/w Datrict
38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province	210027 Han Zhan, Ilainn Bournes
China	Chris
4/11/19/372	
-91901372	ZHOU. Xin
Signature of Inventor (3)	Signature of Witness
Date : 2017/7/3/0	Date : 2017/3/30
	ZHou, Xin
NI, Mingjiang Printed Name of Inventor	Printed Name of Witness
FIRMOGIFARING OF HIVEHOR	4 Amices Atomic of Transcos
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	78 Zheda Road, Xihu District
310027 Hangzhou, Zhejiang Province	3/0027 Hangzhou, Zhejiang Province
China	China

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

	ZHOU, Xin
Signature of Inventor (4) Date: 20//2/20	Signature of Witness Date: 7017/3/30
LUO, Zhongyang Printed Name of Inventor	ZHOU, Xin Printed Name of Witness
Residence of Inventor: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China	Residence of Witness: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang frovince China
Signature of Inventor (5) Date: 201/ 3/20 GAO, Xiang Printed Name of Inventor	ZHOU, Xin Signature of Witness Date: 2017/3/30 ZHOU, Xin Printed Name of Witness
Residence of Inventor: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China	Residence of Witness: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China
Signature of Inventor (6) 20 17 / 3 / 20	ZHOU, Xin Signature of Witness Date: 2017/3/30
CEN, Kefa Printed Name of Inventor	ZHOU, Xin Printed Name of Witness
Residence of Inventor: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China	Residence of Witness: 28 Zheda Foad, XhuDistrict 310027 Hangzhou, Zhejiang Province China

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

m ray	ZHOU, Xin
Signature of Inventor (7)	Signature of Wilness Date: 201/3/30
Date : 704/3/1/	
FANG, Mengxiang	ZHOU, Xin
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	38 Zheda Road, Xihu Pistrict
310027 Hangzhou, Zhejiang Province	3/0027 Hangzhou, Theziang Movince
China	China
10-	
	7Uon V
Signature of Inventor (8)	ZHOU, Xin Signature of Witness
Date: 201/3/18	Date 201/3/30
The state of the s	2HOU, Xin
ZHOU, Jinsong Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	38 Zheda Roud, Xihu Vistrict 310027 Hangzhou, Zhejiang Province
310027 Hangzhou, Zhejiang Province China	China China
	N.
24 149	#Bou vi
1061	ZHOU, Xin
Signature of Inventor (9)	Signature of Witness Date: 2017/3/30
Date :	
SHI, Zhenglun	ZHOU. Xin
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	38 Zheda Road. Xihu Vistrict
310027 Hangzhou, Zhejiang Province	310027 Hangzhou, Zhejiang Movince China
China	unna

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

Signature of Inventor (10), Date: 201 / 20 CHENG, Leming Printed Name of Inventor Residence of Inventor: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China	ZHOW, Xin Signature of Witness Date: 2017/3/30 ZHOW, Xin Printed Name of Witness Residence of Witness: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China
Signature of Inventor (11) Date: Zell // WANG, Oinhui Printed Name of Inventor Residence of Inventor: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China	ZHOU, Xin Signature of Witness Date: 2017/3/30 ZHOU, Xin Printed Name of Witness Residence of Witness: 38 Zheda Road, Xihu District 310027 Hangzhou, Zheji ang Province China
Signature of Inventor (12) Date: 2017/// WANG, Shurong Printed Name of Inventor Residence of Inventor: 38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province China	ZHOU, Xin Signature of Witness Date: 7001/3/30 ZHOU, Xin Printed Name of Witness Residence of Witness: 38 Zheda Roud, Xihu District 310027 Hangzhou, Zhejiang Province China

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

Z035.0002US1

Ku. Anja .	ZHOU, Xin
Signature of Inventor (13)	Signature of Witness
Signature of Inventor (13) Date : 201	Signature of Witness Date: 2017/3/30
oue · #el /	
YU, Chanjiang	ZHOU, Xia
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	38 Zheda Load Xihu District 310027 Hangzhou Zhejiang Province
310027 Hangzhou, Zhejiang Province	3/0027 Hanozhou Zheijana Province
China	China
T. Illan &	ZHOU, Xin
Two Wang	
Signature of Inventor (14)	Signature of Witness Date: 207/3/30
Date : 03/30/2017	Date 3 20[1] 37 20
WANG, Tao	ZHOU, Xin
Printed Name of Inventor	Printed Name of Witness
	The state of the s
Residence of Inventor:	Residence of Witness:
20 76 also Dated Witter Principles	38 Zheda Road, Xihu District
38 Zheda Road, Xihu District 310027 Hangzhou, Zhejiang Province	3/2027
China	718300
-1 do 1.	MIND V.
Zlang Opens harving	ZHOU, Xin
Signature of Inventor (15)	Signature of Witness Date: 2017/3/39
Date :	Date: 2017/3/30
	ZHOU, Xin
ZHENG, Chenghang	
Printed Name of Inventor	Printed Name of Witness
** · *** · · · · · · · · · · · · · · ·	* ************************************
Residence of Inventor:	Residence of Witness:
38 Zheda Road, Xihu District	38 Zheda Road, Xihu District
310027 Hangzhou, Zhejiang Province	7/027 Hangzhau, Zhejjang Yvovince
China	China

-7 of 7-