PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4130529

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YILONG CHEN	10/11/2016
YANFENG ZHANG	10/11/2016
MINGGUI XIA	10/11/2016
LIANG ZHANG	10/11/2016

RECEIVING PARTY DATA

Name:	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.
Street Address:	T1 JIANGXIA AVENUE, MIAOSHAN DEVELOPMENT ZONE
Internal Address:	JIANGXIA DISTRICT
City:	WUHAN
State/Country:	CHINA
Postal Code:	430212

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15344569

CORRESPONDENCE DATA

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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.

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Address Line 2: **SUITE 1319**

Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER:	WHKY-11906-UUS
NAME OF SUBMITTER:	LARRY CHEN
SIGNATURE:	/Larry Chen/
DATE SIGNED:	11/06/2016

Total Attachments: 4

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PATENT REEL: 040233 FRAME: 0761

Attorney Docket Number	WHKY-11906-UUS	
Title of Invention	ENTRAINED-FLOW GASIFIER AND GASIFICATION SYNTHESIZING SYNGAS FROM BIOMASS FUEL	
WHEREAS invention in	. I believe that I am the original inventor or an original joint inver the application identified by the title above.	ntor (referred to as ASSIGNOR below) of a claimed
WHEREAS	WUHAN KAIDI ENGINEERING T INSTITUTE CO., LTD.	ECHNOLOGY RESEARCH
		opment Zone, Jiangxia District, Wuhan,
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, a	nd interest in and to the same in the United States;
ASSIGNOR said invent division, con	W, THEREFORE, for good and valuable consideration, the rece k, by these presents does sell, assign and transfer unto AS tion and application throughout the United States of Americ ntinuation, continuation-in-part, reexamination, and reissue of sel tal examination thereof.	SIGNEE, the entire right, title, and interest in and to a, including any and all patents granted on any
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.		
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.		
ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL NA	AME OF ASSIGNOR	
Assignor Yilong CHEN Date 2016-10-11		
Signature Libral CHEN		

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Attorney Docket Number	WHKY-11906-UUS	
Title of Invention	ENTRAINED-FLOW GASIFIER AND GASIFICATION SYNTHESIZING SYNGAS FROM BIOMASS FUEL	METHOD USING THE SAME FOR
WHEREAS invention in	. I believe that I am the original inventor or an original joint invento the application identified by the title above.	or (referred to as ASSIGNOR below) of a claimed
WHEREAS	WUHAN KAIDI ENGINEERING TE INSTITUTE CO., LTD.	CHNOLOGY RESEARCH
	T1 Jiangxia Avenue, Miaoshan Develop Hubei, China, 430212	ment Zone, Jiangxia District, Wuhan,
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and	interest in and to the same in the United States;
ASSIGNOI said inven division, co	W, THEREFORE, for good and valuable consideration, the receip R, by these presents does sell, assign and transfer unto ASSI tion and application throughout the United States of America intinuation, continuation-in-part, reexamination, and reissue of said tal examination thereof.	GNEE, the entire right, title, and interest in and to , including any and all patents granted on any
prosecution additional of further con communical ASSIGNOI be required encompass	SIGNOR hereby agrees to execute any documents that legally man and maintenance of said application or any other patent applicat documents that may be required to affirm the rights of ASSIGNEE sideration. ASSIGNOR also agrees, without further consideration attention of ASSIGNEE at ASSIGNEE's request documents and informatic processes on or control, and to provide further assurances and to display the applications of the prosecution, maintenance and display within the terms of this instrument. ASSIGNOR's obligations uponts, administrators and other legal representatives.	ions in the United States for said invention, including in and to said invention and application, all without and at ASSIGNEE's expense, to identify and ation concerning the invention that are within estimony on behalf of ASSIGNEE that lawfully may efense of any patent application or patent
referred to use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Pa above to ASSIGNEE, as the ASSIGNEE of the entire right, title ar shoof; and for the use and behoof of ASSIGNEE's legal represent a patent may be granted, as fully and entirely as the same would h of been made.	nd interest in and to the same, for ASSIGNEE's sole atives and successors, to the full end of the term for
AS in this doc	SIGNOR authorizes Practitioners associated with the Customer N urnent needed to effect its recordal in the U.S. Patent and Tradem	turnber 33,794 to insert or complete any information ark Office and to record the same.
LEGAL	NAME OF ASSIGNOR	
Assignor	Yanfeng ZHANG	Date: 2016-10-11
Signature	· Yanton 24ANG	

PAGE 2 OF 4

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Attorney Docket Number	WHKY-11906-UUS	
Title of Invention	ENTRAINED-FLOW GASIFIER AND GASIFICATION METHOD USING THE S SYNTHESIZING SYNGAS FROM BIOMASS FUEL	AME FOR
	AS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR I on in the application identified by the title above.	pelow) of a claimed
WHEREAS	AS, WUHAN KAIDI ENGINEERING TECHNOLOGY RESEAR INSTITUTE CO., LTD.	RCH
·	T1 Jiangxia Avenue, Miaoshan Development Zone, Jiangxia Dist Hubei, China, 430212	rict, Wuhan,
(referred to	to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in	the United States;
ASSIGNOR said invent division, cor	NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is he IOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, ention and application throughout the United States of America, including any and all patents continuation, continuation-in-part, reexamination, and reissue of said application, whether granted lental examination thereof.	and interest in and to granted on any
prosecution additional d further cons communica ASSIGNOR be required encompass	ASSIGNOR hereby agrees to execute any documents that legally may be required in connection we tion and maintenance of said application or any other patent applications in the United States for stal documents that may be required to affirm the rights of ASSIGNEE in and to said invention and at consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, it cate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention IOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGN red of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application assed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to the prosecution of the prosecuti	aid invention, including pplication, all without to identify and that are within IEE that lawfully may on or patent
referred to use and be which such	ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the fact patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR and been made.	for ASSIGNEE's sole ull end of the term for
	ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or compounded to effect its recordal in the U.S. Patent and Trademark Office and to record the sa	
LEGAL N	NAME OF ASSIGNOR	5-0-0
Assignor	on Minggui XIA Date: 2016-10-11	energy and a second
Signature	ure: Ninggini XII)	······································

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Attorney Docket Number	WHKY-1190)6-UUS
Title of Invention	1	D-FLOW GASIFIER AND GASIFICATION METHOD USING THE SAME FOR ING SYNGAS FROM BIOMASS FUEL
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed fentified by the title above.
WHEREAS	stal address of	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.
		T1 Jiangxia Avenue, Miaoshan Development Zone, Jiangxia District, Wuhan, Hubei, China, 430212
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOF said invent division, co	R, by these prese tion and applicat	, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ants does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion throughout the United States of America, including any and all patents granted on any uation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	and maintenance locuments that ma sideration, ASSIG te to ASSIGNEE t's possession or of ASSIGNOR in sed within the term	igrees to execute any documents that legally may be required in connection with the filing, a of said application or any other patent applications in the United States for said invention, including ay be required to affirm the rights of ASSIGNEE in and to said invention and application, all without NOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may respect of the prosecution, maintenance and defense of any patent application or patent as of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's ors and other legal representatives.
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.		
ASS in this docu	SIGNOR authorize ment needed to e	es Practitioners associated with the Customer Number 33,794 to insert or complete any information effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N/	AME OF ASSIGN	OR
Assignor	Liang ZHAN	Date 2016-10-11
Signature	_Liang2	hang

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PATENT REEL: 040233 FRAME: 0765