PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3010030

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIANQIAN LIU	08/25/2014
YIMING HAN	08/25/2014
DECHEN SONG	08/25/2014
LI XU	08/25/2014
BO LAI	08/25/2014

RECEIVING PARTY DATA

Name:	SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD.
Street Address:	KAIDI BUILDING, T1 JIANGXIA AVENUE
Internal Address:	EAST LAKE HI-TECH DEVELOPMENT ZONE
City:	WUHAN
State/Country:	CHINA
Postal Code:	430223

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14477935

CORRESPONDENCE DATA

Fax Number: (888)259-9223

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: 8882599211 X2330

USPTORECEIPT@GMAIL.COM Email:

Correspondent Name: MATTHIAS SCHOLL Address Line 1: 14781 MEMORIAL DRIVE

Address Line 2: **SUITE 1319**

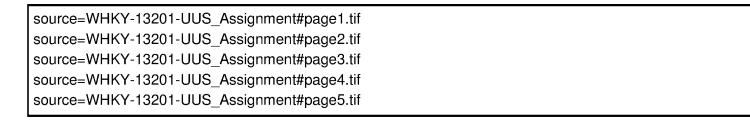
Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER:	WHKY-13201-UUS
NAME OF SUBMITTER:	LARRY CHEN
SIGNATURE:	/Larry Chen/
DATE SIGNED:	09/05/2014
	•

Total Attachments: 5

PATENT

REEL: 033674 FRAME: 0001 502963431



PATENT REEL: 033674 FRAME: 0002

Attorney Docket Number	WHKY-13201-บับร			
Title of Invention	PROCESS FOR RECOVERY OF COBALT, RUTHENIUM, AND ALUMINUM FROM SPENT CATALYST			
		um the original inventor or an original joint invented by the title above.	ntor (referred to as A	SSIGNOR below) of a claimed
WHEREAS	i,	Sunshine Kaidi New Energy Grou	ıp Co., Ltd.	
having a po	ostal address of	Kaidi Building, T1 Jiangxia Avenu Zone, Wuhan, Hubei , China, 430		i-Tech Development
(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, title, a	nd interest in and to	the same in the United States;
ASSIGNOR said inven division, co	R, by these prese tion and applica	i, for good and valuable consideration, the rece ents does sell, assign and transfer unto AS tion throughout the United States of Ameri- uation-in-part, reexamination, and reissue of s nereof.	SIGNEE, the entire ca, including any and	right, title, and interest in and to I all patents granted on any
prosecution additional of further con communica ASSIGNOI be required encompass	n and maintenance documents that me sideration. ASSIGNEE to ASSIGNEE R's possession or a for ASSIGNOR in sed within the term	agrees to execute any documents that legally is of said application or any other patent application be required to affirm the rights of ASSIGNE SNOR also agrees, without further consideration at ASSIGNEE's request documents and information control, and to provide further assurances and respect of the prosecution, maintenance and ms of this instrument. ASSIGNOR's obligations tors and other legal representatives.	eations in the United E in and to said inve- on and at ASSIGNEE mation concerning the ditestimony on behal defense of any pate	States for said invention, including ention and application, all without i's expense, to identify and e invention that are within f of ASSIGNEE that lawfully may nt application or patent
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.				
AS in this doc	SIGNOR authoriz ument needed to	res Practitioners associated with the Customer effect its recordal in the U.S. Patent and Trade	Number 33,794 to it mark Office and to r	nsert or complete any information ecord the same.
	IAME OF ASSIGN			
Assignor	Qianqian LIU	<u>.</u>	_ Date:	14.8.25
Signature	= Qianqia	n LLU		

PAGE 1 OF 5

Attorney Docket Number	WHKY-13201-UUS		
Title of Invention	PROCESS FOR RECOVERY OF COBALT, RUTHENIUM, AND ALUMINUM FROM SPENT CATALYST		
WHEREAS invention in	, I believe that I a the application in	im the original inventor or an original joint inverdentified by the title above.	ntor (referred to as ASSIGNOR below) of a claimed
WHEREAS	i.	Sunshine Kaidi New Energy Grou	p Co., Ltd.
having a po	ostal address of	Kaidi Building, T1 Jiangxia Avenu Zone, Wuhan, Hubei , China, 430	e, East Lake Hi-Tech Development 223
(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, title, a	nd interest in and to the same in the United States;
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
prosecution additional of further con communica ASSIGNOR be required encompass	n and maintenand documents that m sideration. ASSIG ate to ASSIGNEE R's possession on d of ASSIGNOR in sed within the ten	ay be required to affirm the rights of ASSIGNE GNOR also agrees, without further consideration at ASSIGNEE's request documents and information control, and to provide further assurances and n respect of the prosecution, maintenance and	ations in the United States for said invention, including E in and to said invention and application, all without n and at ASSIGNEE's expense, to identify and nation concerning the invention that are within I testimony on behalf of ASSIGNEE that lawfully may
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.			
	IAME OF ASSIG		
Assignor:			Date: 2014, 8, 35
Signature	: Vining	- HAN	

PAGE 2 OF **5**

Attorney Docket Number	WHKY-13201-UUS			
Title of Invention	PROCESS FOR RECOVERY OF COBALT, RUTHENIUM, AND ALUMINUM FROM SPENT CATALYST			
		m the original inventor or an original joint invent entified by the title above.	or (referred t	o as ASSIGNOR below) of a claimed
WHEREAS	,	Sunshine Kaidi New Energy Group	Co., Ltd.	
having a po	ostal address of	Kaidi Building, T1 Jiangxia Avenus Zone, Wuhan, Hubei , China, 4302		ke Hi-Tech Development
(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, title, an	d interest in a	and to the same in the United States;
ASSIGNOI said inven division, co	R, by these prese tion and applica	for good and valuable consideration, the receients does sell, assign and transfer unto ASS tion throughout the United States of America action-in-part, reexamination, and reissue of sa ereof.	IGNEE, the o	entire right, title, and interest in and to ny and all patents granted on any
prosecution additional of further con communica ASSIGNOI be required encompass	n and maintenance documents that m sideration. ASSIG ate to ASSIGNEE R's possession or d of ASSIGNOR in sed within the terr	rigrees to execute any documents that legally me of said application or any other patent application by be required to affirm the rights of ASSIGNEE NOR also agrees, without further consideration at ASSIGNEE's request documents and information, and to provide further assurances and respect of the prosecution, maintenance and one of this instrument. ASSIGNOR's obligations or and other legal representatives.	tions in the U in and to sa and at ASSI ation concerr testimony on lefense of an	Inited States for said invention, including id invention and application, all without GNEE's expense, to identify and ning the invention that are within behalf of ASSIGNEE that lawfully may y patent application or patent
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 N	IAME OF ASSIGN	IOR	***	
Assignor	Dechen SOI	NG	Date:	2014.8.25
Signature	=: Dechen	SONG		

PAGE 3 OF 5

Attorney Docket Number	WHKY-13201-UUS			
Title of Invention	PROCESS FOR RECOVERY OF COBALT, RUTHENIUM, AND ALUMINUM FROM SPENT CATALYST			
	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.			
WHEREAS	Sunshine Kaidi New Energy Group Co., Ltd.			
having a po	Kaidi Building, T1 Jiangxia Avenue, East Lake Hi-Tech Development Zone, Wuhan, Hubei, China, 430223			
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;			
ASSIGNOF said inven division, co	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any ntinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.			
prosecution additional of further con- communica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, in and maintenance of said application or any other patent applications in the United States for said invention, including documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and ate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within R's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may if of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, 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.				
AS in this docu	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ument needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.			
LEGAL N	AME OF ASSIGNOR			
Assignor:	Li XU Date: 2014. 8. 15			
Signature	E Lã XV			

PAGE 4 OF 5

Attorney Docket Number	WHKY-13201-UUS			
Title of Invention	PROCESS FOR RECOVERY OF COBALT, RUTHENIUM, AND ALUMINUM FROM SPENT CATALYST			
WHEREAS invention in	i, I believe that I a the application ic	nm the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.		
WHEREAS	i,	Sunshine Kaidi New Energy Group Co., Ltd.		
having a po	ostal address of	Kaidi Building, T1 Jiangxia Avenue, East Lake Hi-Tech Development Zone, Wuhan, Hubei, China, 430223		
(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;		
ASSIGNOI said inven division, co	NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
prosecution additional of further con communica ASSIGNOI be required encompass	n and maintenance documents that me sideration. ASSIG ate to ASSIGNEE R's possession or d of ASSIGNOR in sed within the tern	agrees to execute any documents that legally may be required in connection with the filing, be of said application or any other patent applications in the United States for said invention, including the required to affirm the rights of ASSIGNEE in and to said invention and application, all without GNOR 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 in respect of the prosecution, maintenance and defense of any patent application or patent ms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's tors and other legal representatives.		
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LEGAL N	IAME OF ASSIGI	NOR		
Assignor	Bo LAI	Date: 2014. g. vs		
Signature	BO LA	2		

PAGE 5 OF **5**

PATENT REEL: 033674 FRAME: 0007