#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI274034

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALTER NRG CORP.	01/04/2024

#### **RECEIVING PARTY DATA**

Company Name:	1000623668 ONTARIO INC.
Street Address:	Bay Adelaide Centre ;East Tower, 22 Adelaide St W, Ste. 3600
Internal Address:	Toronto, ON M5H 4E3
City:	Toronto
State/Country:	CANADA

#### **PROPERTY NUMBERS Total: 5**

Property Type	Number
Application Number:	14585277
Application Number:	14631214
Application Number:	13445255
Application Number:	14820604
Application Number:	14585408

#### 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:** +(909)436-5796

**Email:** jorlan@winstonip.cn,patent@winstonip.cn

Correspondent Name: Andrew C. C Cheng LLC

Address Line 1:516N. Diamond Bar Blvd., #310Address Line 4:Diamond Bar, CALIFORNIA 91765

NAME OF SUBMITTER:	Zhuoxiu WU
SIGNATURE:	Zhuoxiu WU
DATE SIGNED:	06/04/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 35** 

source=Bill of Sale and General Conveyance (Alter NRG Assets) - final#page1.tif

PATENT REEL: 067608 FRAME: 0843

508581165

```
source=Assignment of Patent Rights - Final#page1.tif
source=Bill of Sale and General Conveyance (Alter NRG Assets) - final#page2.tif
source=Assignment of Patent Rights - Final#page2.tif
source=Bill of Sale and General Conveyance (Alter NRG Assets) - final#page3.tif
source=Bill of Sale and General Conveyance (Alter NRG Assets) - final#page4.tif
source=Assignment_of_Patent_Rights_-_Final#page3.tif
source=Bill of Sale and General Conveyance (Alter NRG Assets) - final#page5.tif
source=Bill of Sale and General Conveyance (Alter NRG Assets) - final#page6.tif
source=Assignment_of_Patent_Rights_-_Final#page4.tif
source=Assignment of Patent Rights - Final#page5.tif
source=Assignment of Patent Rights - Final#page6.tif
source=Assignment_of_Patent_Rights_-_Final#page7.tif
source=Assignment of Patent Rights - Final#page8.tif
source=Assignment of Patent Rights - Final#page9.tif
source=Assignment_of_Patent_Rights_-_Final#page10.tif
source=Assignment_of_Patent_Rights_-_Final#page11.tif
source=Assignment of Patent Rights - Final#page12.tif
source=Assignment of Patent Rights - Final#page13.tif
source=Assignment of Patent Rights - Final#page14.tif
source=Assignment of Patent Rights - Final#page15.tif
source=Assignment of Patent Rights - Final#page16.tif
source=Assignment of Patent Rights - Final#page17.tif
source=Assignment_of_Patent_Rights_-_Final#page18.tif
source=Assignment of Patent Rights - Final#page19.tif
source=Assignment of Patent Rights - Final#page20.tif
source=Assignment_of_Patent_Rights_-_Final#page21.tif
source=Assignment of Patent Rights - Final#page22.tif
source=Assignment of Patent Rights - Final#page23.tif
source=Assignment_of_Patent_Rights_-_Final#page24.tif
source=Assignment_of_Patent_Rights_-_Final#page25.tif
source=Assignment of Patent Rights - Final#page26.tif
source=Assignment of Patent Rights - Final#page27.tif
source=Assignment_of_Patent_Rights_-_Final#page28.tif
source=Assignment of Patent Rights - Final#page29.tif
```

#### Bill of Sale and General Conveyance

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, MNP LTD., in its capacity as Court-appointed receiver (the "Receiver") of all the current and future assets, undertakings and properties of ALTER NRG CORP., and not in its personal capacity and without personal or corporate liability (the "Vendor"), does hereby grant, bargain, transfer, sell, assign, convey and deliver to 1000623668 ONTARIO INC. an Ontario corporation (the "Purchaser"), all of the Vendor's right, title and interest in all the Purchased Assets, as such term is defined in the Asset Purchase Agreement dated effective as of October 22, 2021, as amended by the Amending Agreement dated effective as of November 11, 2021, and as further amended by a second amending agreement made effective as of January 31, 2022, a third amending agreement effective as of August 31, 2022, a fourth amending agreement effective as of August 10, 2023 (collectively, and as amended further from time to time, the "Asset Purchase Agreement"), by and between the Vendor and the Purchaser, to have and to hold the same unto the Purchaser, its successors and assigns, forever, including without limitation all of the Vendor's right title and interest (including all rights to access and to take possession of same) in the following:

- (i) The assets listed in Schedule "A" attached hereto;
- (ii) all documents of Alter NRG Corp. in the possession of any third parties, including without limitation those that may be in the possession of the persons and entities listed in Schedule "B" hereto.

The Vendor further grants does also hereby grant, bargain, transfer, sell, assign, convey and deliver to Purchaser, all of the Vendor's right, title and interest to any and all documentation of the Vendor, including without limitation, all documentation mentioned in Schedule "A" attached hereto, pertaining to the Vendor to the extent such documentation exists whether in the possession of the Receiver or in the possession of third parties, including without limitation, documentation, if any, in the possession of the third parties listed on Schedule "B" which is attached hereto.

The Purchaser acknowledges that the Vendor makes no representation, warranty or condition with respect to the assets being conveyed hereby except as specifically set forth in the Asset Purchase Agreement. This Bill of Sale and General Conveyance is made pursuant to the Asset Purchase Agreement and does not broaden or derogate from any of the rights or obligations that the Vendor or the Purchaser have under the Asset Purchase Agreement. In the event of any conflict or inconsistency between this Bill of Sale and General Conveyance and the Asset Purchase Agreement, the Asset Purchase Agreement shall govern.

The Vendor for itself, its successors and assigns, hereby covenants and agrees that, at any time and from time to time upon the reasonable written request of the Purchaser, the Vendor will do, execute, acknowledge and deliver or cause to be done, executed, acknowledged and delivered, all such further acts, deeds, assignments, transfers, conveyances, powers of attorney and

#### ASSIGNMENT OF PATENT RIGHTS

THIS A	ASSIGNMENT OF PATENT RIGHTS (the "Assignment") is made effective as of the $\frac{4\text{th}}{}$ day of $\frac{2\text{th}}{}$ ary, 2024 (the "Effective Date"),
BETW	EEN:
	MNP LTD., in its capacity as Court-appointed receiver of all the current and future assets, undertakings and properties of ALTER NRG CORP., and not in its personal capacity and without personal or corporate liability
	(the "Assignor")
AND:	
	1000623668 ONTARIO INC.

WHEREAS the Assignee and the Assignor are parties to an Asset Purchase Agreement dated effective as of October 22, 2021, as amended by the Amending Agreement dated effective as of November 11, 2021, and as further amended by a second amending agreement made effective as of January 31, 2022, a third amending agreement effective as of August 31, 2022, a fourth amending agreement effective as of August 10, 2023 (collectively, and as amended further from time to time, the "Asset Purchase Agreement"), in respect of the purchase and sale of certain Purchased Assets of the Assignor approved pursuant to an approval and vesting order issued by the Court of King's Bench of Alberta in Action No. 2101-02279;

AND WHEREAS pursuant to the Asset Purchase Agreement, the Assignor has agreed to sell to the Assignee, and the Assignee has agreed to purchase from the Assignor, all of the Assignor's right, title and interest in and to the Purchased Assets (as defined in the Asset Purchase Agreement), on and subject to the terms and conditions thereof, and such Purchased Assets include the Patent Rights set out on Schedule "A";

NOW THEREFORE in consideration of the mutual promises contained in the Asset Purchase Agreement, and for other good and valuable consideration now given by the Assignee to the Assignor (the receipt and sufficiency of which are hereby acknowledged), the parties agree as follows:

- 1. Capitalized terms used in this Assignment but not defined herein shall have the meanings ascribed to them in the Asset Purchase Agreement.
- 2. The Assignor hereby sells, assigns, transfers, conveys and delivers to the Assignee all of the right, title and interest of the Assignor in and to the Patent Rights, to have and to hold the Patent Rights, together with all benefit and advantage to be derived therefrom, to the Assignee. For greater certainty, the consideration payable by the Assignee to the Assignor for the Patent Rights is the Purchase Price payable by the Assignee to the Assignor pursuant to the Asset Purchase Agreement.
- 3. The Assignor shall, from time to time hereafter, at the reasonable request of the Assignee, promptly make, do, execute and deliver, or cause to be made, done, executed and delivered, all such further acts, instruments and assurances as the Assignee may reasonably request to more effectually sell, assign, transfer and convey the Patent Rights to the Assignee as set out in this Assignment. All assistance provided by the Assignor shall be at the cost of the Assignee.

27347954v2

(the "Assignee")

assurances as may be reasonably required by the Purchaser to assign, transfer, set over, convey, assure and confirm unto and vest in the Purchaser, its successors and assigns, title to the assets sold, conveyed and transferred by this Bill of Sale and General Conveyance. All assistance provided by the Vendor or the Receiver, or their legal counsel, shall be at the cost of the Purchaser.

- 4. This Assignment is made pursuant to the Asset Purchase Agreement and is not in derogation of any of the rights or obligations that the parties have under the Asset Purchase Agreement. The terms of the Asset Purchase Agreement shall not merge in this Assignment. In the event of any conflict or inconsistency between this Assignment and the Asset Purchase Agreement, the Asset Purchase Agreement shall govern and prevail.
- 5. This Assignment shall be governed by and construed in accordance with the laws of the Province of Alberta and the federal laws of Canada applicable therein.
- 6. This Assignment shall enure to the benefit of and be binding upon the parties hereto and their respective successors and permitted assigns, as the case may be.
- 7. This Assignment may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall constitute an original and all of which, when taken together, shall constitute one and the same Assignment. Delivery of an executed counterpart of this Assignment by facsimile transmission or in portable document format shall constitute delivery of an executed counterpart of this Assignment.

[Remainder of page left intentionally blank; signature page to follow.]

- 2 -

IN WITNESS WHEREOF, the Vendor has duly executed this Bill of Sale and General Conveyance as of January  $\underline{4}$ , 2024

MNP LTD., solely in its capacity as Courtappointed receiver of the current and future assets, undertakings and properties of Alter NRG Corp., and not its personal capacity and without personal or corporate liability

By\_\_\_Victor P. Kroeger

Name: Victor Kroeger

Title: Senior Vice-President

#### SCHEDULE "A"

#### (Non-Exhaustive List of Assets)

- 1. All intellectual property of Alter NRG. Corp worldwide (whether existing, pending, future, lapsed, expired, or terminated) including without limitation all:
  - (a) patents and patent applications;
  - (b) all inventions, technology, and know how (whether or not patents have been issued in respect of same), including patent related disclosure documents, improvements, trade secrets, privately owned and non-public information, knowledge, technology, data, test results, methods, processes, designs, diagrams, formulas;
  - (c) trademarks, trademark registrations and applications, commodity and product names, business names, company names, domain names, website names and URLs, trade dress of any commodity or product, commodity and product appearances, packaging designs and appearances, and logos;
  - (d) copyrights, and copyright registrations and applications;
  - (e) mask work, mask work registrations and applications, circuit designs and circuit design work registrations and applications;
  - (f) industrial designs, industrial design registrations and applications, including all rights in respect of the appearance of integrated circuits and registrations and applications re same;
  - (g) software and any related copyrights, registrations and applications re same;
  - (h) database rights and all registrations and applications re same;
  - (i) reprints, classifications, continuations, partial continuations, renewals, updates, extensions, and expansions pertaining to any of the foregoing rights;
  - (j) similar intellectual property rights to any of the foregoing in any jurisdiction;
  - (k) all causes of action pertaining to intellectual property, including to any of the foregoing, including without limitation all rights to sue in any jurisdictions for past, present and future breaches of contracts, licenses, and infringements of intellectual property rights;
  - (l) all rights of Alter NRG Corp. as licensor in respect of any of the foregoing;
  - (m) all licenses held by or granted to Alter NRG Corp. to use any intellectual property of any nature owned or controlled by third parties, including all rights to continue or renew same; and

4

IN WITNESS WHEREOF the parties hereto have duly executed this Assignment as of the date first written above.

MNP LTD., in its capacity as Court-appointed receiver of all the current and future assets, undertakings and properties of ALTER NRG CORP., and not in its personal capacity and without personal or corporate liability

Per:	Victor P. Kroeger
	Name: Victor Kroeger Title: Senior Vice President
100	00623668 ONTARIO INC.
Per:	
	Name:
	Title:

- (n) all other rights of any nature, all contracts pertaining to any of the foregoing, and all other documentation and records in electronic hard copy or any other form, pertaining to any of the foregoing.
- 2. All financial, legal and other documents of Alter NRG Corp including those in the hands of accountants, lawyers, consultants and other professionals engaged by Alter NRG Corp at any time.
- 3. All test and experimental data, analysis reports, calculation models and databases pertaining to the Pittsburgh Madison Demo Plant.
- 4. All project technical cooperation and authorization agreements, commercial contracts, technology licenses, license agreements, project design technical and engineering data and documents, technical calculations and engineering drawings, key equipment manufacturing and process drawings (including without limitation for plasma gasification islands), control systems and technical standards, material standards, project completion and acceptance data, reports and certificates and other paper and electronic data related to any and all past present and future projects of Alter NRG Corp., including but not limited to the following projects:
  - a. Japan Mihama Mikata Waste to Energy Project (Mihama Mikata);
  - b. Japan Utashinai Waste to Energy Project (Utashinai);
  - c. India Puna and Nagpur Hazardous waste treatment project;
  - d. UK Tees Valley Waste to Energy project (Tees Valley);
  - e. Shanghai Hazardous Waste to Electricity Project;
  - f. Thailand UTPE solid waste treatment project (UTPE); and
  - g. Wuhan Plasma Demonstration Project.

#### SCHEDULE "B"

(List of Third Parties)

- 1. All former employees of Alter NRG Corp. including without limitation:
  - Richard Fish
  - Danny Hay
  - Ken Willis
  - Bruce Leonard
  - Alexander Gorodetsky
  - James Santoianni
  - Kent Hicks
- 2. Professional advisors to Alter NRG Corp. including without limitation:
  - Fasken LLP
  - Goodmans LLP
  - Deloitte LLP and its affiliates
  - BDO USA LLP and its affiliates
  - Leech Tishman Fuscaldo & Lampl LLC.
  - McCarthy Tetrault LLP
- 3. All counterparties to contracts and licences with Alter NRG Corp.
- 4. All consultants, including without limitation engineering consultants, who have provided services to Alter NRG Corp.

6

IN WITNESS WHEREOF the parties hereto have duly executed this Assignment as of the date first written above.

MNP LTD., in its capacity as Court-appointed receiver of all the current and future assets, undertakings and properties of ALTER NRG CORP., and not in its personal capacity and without personal or corporate liability

Per: Name:

Title:

1000623668 ONTARIO INC.

Per: Name: Greg Marty

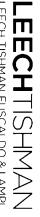
Title: President

SCHEDULE "A"

Patent Rights

(see attached)

- 4 -



Page 1 of 24

				,			Owner:
		ference :	Agent Reference :	ON (07505ZP/PCT/CA)	Osler, Hoskin & Harcourt LLP SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/CA)	Osler, Hoskin & Harcourt LLP SYNGAS PRODUCED BY PL	Agent: O Title: S
		ference:	Client Reference:		Client: Sunshine Kaidi New Energy Group Co., Ltd.	ınshine Kaidi New E	Client: Si
							Other Reference No. :
	RPL, AGT	Lapsed 10-Nov-2031	2,816,597 29-Nov-2016	2,816,597 18-May-2012	2,816,597 10-Nov-2011	B1 PCT	ALTR-10 Canada
			WF1/FCI)	/me: SYSTEM AND PROCESS FOR OPGRADING HEAVY HYDROCARBONS (2007WP1/PCT)	ESS FOR OPGRADING HEA	YSTEM AND PROC	Owner:
		Agent Reference: ALTER-83034					Agent:
		ference:	Client Reference :		Client: Sunshine Kaidi New Energy Group Co., Ltd.	ınshine Kaidi New E	Client: Si
							Other Reference No. :
	RPL	03-Apr-2011		11-Dec-2008	03-Apr-2008	ORD	Patent Cooperation Treaty
		Abandoned		WO 2008/150570	US2008/059242	œ	ALTR-1
				1			Owner:
	Track One : □	Agent Reference: ALTER-87396		<i>]title</i>	ESS FOR UPGRADING HEA	YSTEM AND PROC	Agent: Title: S
		ference:	Client Reference		Client: Sunshine Kaidi New Energy Group Co., Ltd.	ınshine Kaidi New E	Client: Si
		Track One: No	Tra				Other Reference No.:
	RPL, AGT	12-Feb-2028	08-Nov-2011	26-Aug-2010	27-Oct-2009	DIV	United States of America
		Granted	8,052,946 B2	US-2010-0215554-A1	12/589,657	C	ALTR-1
							Owner:
	Track One : □			SYSTEM AND PROCESS FOR UPGRADING HEAVY HYDROCARBONS (2007WP1)	ESS FOR UPGRADING HEA	YSTEM AND PROC	
		Agent Reference: ALTER-86726	Agent Re				Agent:
R		ference:	Client Reference		Client: Sunshine Kaidi New Energy Group Co., Ltd.	ınshine Kaidi New E	Client: Si
EE		Track One: No	Tre				Other Reference No. :
EL:	RPL, AGT	05-Feb-2028	15-Dec-2009	04-Dec-2008	29-May-2007	PRI	United States of America
00		Granted	7,632,394 B2	US-2008-0299019-A1	11/807,436		ALTR-1
							Owner:
				Title: SYSTEM AND PROCESS FOR UPGRADING HEAVY HYDROCARBONS (2007WP1/CA)	ESS FOR UPGRADING HEA	YSTEM AND PROC	Title: S
TEI 8 F		Agent Reference: 81732840	Agent Reference:		Agent: SMART & BIGGAR	Agent: SMART & BIGGAR	Agent: S
NT RA			Client Bo			pobino Koidi Now I	Other Reference No.:
ME	RPL, AGT	26-Nov-2027	24-May-2011	29-Nov-2008	26-Nov-2007	ORD	Canada
=: (		Lapsed	2,612,343	2612343	2,612,343	Þ	ALTR-1
08	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
Tuesday, August 15, 2023	Tuesday, A					& LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



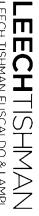
Page 2 of 24

Other Reference No.: Client: Agent: Title: Owner:	ALTR-10 India	Other Reference No.: Client: Agent: Title: Owner:	ALTR-10 United Kingdom	Other Reference No.: Client: Agent: Title: Owner:	ALTR-10 European Patent Convention	Other Reference No.: Client: Agent: Title: Owner:	ALTR-10 China (People's Republic)	Other Reference No.: Client: Agent: Title: Owner:	ALTR-10 China (People's Republic)	Case Number Country	LEECH TISHMAN FUSCALDO & LAMPL
rence No.:  Client: Sunshine Kaidi New Ene Agent: DePenning & DePenning Title: SYNGAS PRODUCED B Owner:		rence No.:  Client: Sunshine Kaidi I  Agent: Kador & Partner  Title: SYNGAS PROD  Owner:		rence No.:  Client: Sunshine Kaidi N Agent: Kador & Partner Title: SYNGAS PROD Owner:		rence No.:  Client: Sunshine Kaidi New Energy Group C  Agent: CHINA PATENT AGENT (H.K.) LTD.  Title: SYNGAS PRODUCED BY PLASMA  Owner:		rence No.:  Client: Sunshine Kaidi New Energy Group C Agent: CHINA PATENT AGENT (H.K.) LTD. Title: SYNGAS PRODUCED BY PLASMA Owner:			USCALDO & LAM
e Kaidi New En ing & DePennin S PRODUCED	B4 PCT	e Kaidi New En Partner S PRODUCED	B3 EPP	e Kaidi New En Partner S PRODUCED	B3 PCT	e Kaidi New En PATENT AGEN S PRODUCED	B2D1 DIV	e Kaidi New En PATENT AGEN S PRODUCED	B2 PCT	Sub Case Case Type	lÞΓ
<i>te No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : DePenning & DePenning Title : SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/IN)	4255/CHENP/2013 03-Jun-2013	<i>te No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : Kador & Partner Title : SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/EP/GB) Dwner :	11 785 259.0 10-Nov-2011	<i>:e No.</i> : <i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>Agent</i> : Kador & Partner <i>Title</i> : SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/EP) <i>Dwner</i> :	11 785 259.0 10-Nov-2011	<i>ze No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : CHINA PATENT AGENT (H.K.) LTD. Title : SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/CN DIV) Dwner :	CN201810018781.5 09-Jan-2018	<i>ce No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : CHINA PATENT AGENT (H.K.) LTD. Title : SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/CN) Dwner :	CN201180054232.X 10-Nov-2011	Application Number Filing Date	
V (07505ZP/PCT/IN)	18-Jul-2014	V (07505ZP/РСТ/ЕР/GB)	EP2638130 18-Sep-2013	N (07505ZP/PCT/EP)	EP2638130 18-Sep-2013	V (07505ZP/PCT/CN DIV)	CN108277046 13-Jul-2018	N (07505ZP/PCT/CN)	CN103314082A 18-Sep-2013	Publication Number Publication Date	
Client Reference : Agent Reference :		Client Reference : Agent Reference :	EP2638130 06-Jun-2018	Client Reference : Agent Reference :	EP2638130 06-Jun-2018	Client Reference Agent Reference		Client Reference Agent Reference		Patent Number Issue Date	
Client Reference : Agent Reference : 2548-2013/VR/gaya	Abandoned	Client Reference : Agent Reference : K 67 241/13sc	Lapsed 10-Nov-2031	Client Reference : Agent Reference : K 60 828/13	CEASED 10-Nov-2031	Client Reference : Agent Reference : CPCH1860068D	Abandoned	Client Reference : Agent Reference : CPCH1360988P	Abandoned	Status Expiration Date	
	RPL, AGT		RPL, AGT		RPL, AGT		AGT		RPL, AGT	Attorneys	Tuesday, August 15, 2023
						REI	EL: 0	PATENT 67608 FRA	ME:		15, 2023



Page 3 of 24

Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent:  Title: SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT)  Owner:	18-May-2012 Expired 18-May-2012	Track One: No Client: Sunshine Kaidi New Energy Group Co., Ltd.  Client Reference: Agent: Agent Reference: ALTER-110229  Title: SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZPD USA)	ALTR-10         A1         14/083.732         US-2014-0077133-A1         Abandoned           United States of America         DIV         19-Nov-2013         20-Mar-2014	Other Reference No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent:  Agent:  Title: SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP USA)  Owner:	ALTR-10         A         13/293.330         US-2012-0286210-A1         Abandoned           United States of America         ORD         10-Nov-2011         15-Nov-2012         R	Other Reference No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent:  Title: SYNGAS PRODUCED BY PLASMA GASIFICATION (07505Z USA)  Conner:  Title: Title: SYNGAS PRODUCED BY PLASMA GASIFICATION (07505Z USA)	ALTR-10         61/412.078         Expired           United States of America         PRO         10-Nov-2010         10-Nov-2011         R	Other Reference No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent:  Agent:  Title: SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/RU)  Owner:	ALTR-10         B5         2013126521         2013126521         2572998         Lapsed           Russian Federation         PCT         10-Nov-2011         20-Dec-2014         16-Dec-2015         10-Nov-2031         R	Expiration Date
Client Reference : Agent Reference : ALTER-		Track One: No Client Reference: Agent Reference: ALTER-110229	Abandoned	Track One: No Client Reference: Agent Reference: ALTER-99183	Abandoned	Track One: No Client Reference: Agent Reference: ALTER-99183	Expired 10-Nov-2011	Client Reference : Agent Reference :	015	<u> </u>
	RPL	Track One : □	RPL, AGT	Track One : □	RPL	Track One : □	RPL	PATENT	RPL, AGT	Attorneys



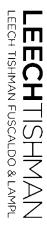
Page 4 of 24

						wner:	Омпет:
		Agent Reference: IHC150524	Agent Refere		idemark Law Office	Agent: CCPIT Patent and Trademark Law Office	Agent
		nce:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client
							Other Reference No. :
	RPL, AGT	Lapsed 15-Aug-2033	HK1211259 15-Jun-2018	1211259A 20-May-2016	15112038.2 07-Dec-2015	RCN	ALTR-11 Hong Kong
		Client Reference : Agent Reference : PN817181EP	Client Reference Agent Reference		inergy Group Co., Ltd.  D NOZZLE	Client: Sunshine Kaidi New Energy Group Co., Ltd. Agent: MARKS & CLERK Title: PLASMA FIRED FEED NOZZLE  Owner:	Client: Agent: Title: Owner:
	RPL, AGT			24-Jun-2015	15-Aug-2013	PCT	European Patent Convention  Other Reference No.:
		Lapsed		EP2885072	13 829 781.7	A3	ALTR-11
		Client Reference : Agent Reference : IIM150333	Client Reference Agent Reference		inergy Group Co., Ltd. Idemark Law Office D NOZZLE	ce No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent: CCPIT Patent and Trademark Law Office  Title: PLASMA FIRED FEED NOZZLE  Dwner:	Other Reference No.: Client: Agent: Title: Owner:
	RPL, AGT	Lapsed 15-Aug-2033	ZL201380049532.8 20-Jun-2017	CN104718018A 17-Jun-2015	CN201380049532.8 15-Aug-2013	A2 PCT	ALTR-11 China (People's Republic)
REE		Client Reference : Agent Reference : 81785909	Client Reference Agent Reference		inergy Group Co., Ltd. O NOZZLE	<i>ce No.</i> : <i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>Agent</i> : SMART & BIGGAR <i>Title</i> : PLASMA FIRED FEED NOZZLE <i>Owner</i> :	Other Reference No.: Client: Agent: Title: Owner:
EL: 0	RPL, AGT	Lapsed		2,881,977 20-Feb-2014	<u>2,881,977</u> 15-Aug-2013	A1 PCT	ALTR-11 Canada
PATENT 67608 FRA		Client Reference : Agent Reference : PA157962/ZA	Client Reference : Agent Reference :	ON (07505ZP/PCT/ZA)	. <i>No.</i> : <i>\ient</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>gent</i> : Spoor Fisher <i>Title</i> : SYNGAS PRODUCED BY PLASMA GASIFICATION (07505ZP/PCT/ZA)	ce No.: Client: Sunshine Kaidi New Energy Group Co., Ltd Agent: Spoor Fisher Title: SYNGAS PRODUCED BY PLASMA GASIF Owner:	Other Reference No.: Client: Agent: Title: Owner:
ME:	RPL, AGT	Lapsed 10-Nov-2031	2013/02436 25-Jun-2014	2013/02436 25-Jun-2014	2013/02436 10-Nov-2011	B6 PCT	ALTR-10 South Africa
0859	Attorneys	Status Expiration Date	Patent Number Issue Date	Publication Number Publication Date	Application Number Filing Date	Sub Case Case Type	Case Number Country
Tuesday, August 15, 2023	Tues					O & LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 5 of 24

							Owner:
					NOZZLE	<i>Title</i> : PLASMA FIRED FEED NOZZLE	Title :
		Agent Reference : 79461-132	Agent Refere			Agent: SMART & BIGGAR	Agent:
		эпсө :	Client Reference		nergy Group Co., Ltd.	<i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd.	Client:
		¢			Ć		
	RPL	Expired 15-Aug-2016		WO 2014/026290 20-Feb-2014	<u>CA2013/050631</u> 15-Aug-2013	ORD A	ALTR-11 Patent Cooperation Treaty
					CHOZZEE	MDer:	Owner:
	Trock Opp	Agent Reterence: ALTER-100402	Agent Retere		0 NO 321 E		Agent:
		ence:	Client Reference		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client
		Track One : No	Track				Other Reference No. :
	RPL, AGT	Lapsed 07-May-2033	9,095,829 B2 04-Aug-2015	US-2014-0048516-A1 20-Feb-2014	<u>13/587,345</u> 16-Aug-2012	PRI	ALTR-11 United States of America
							Owner:
					NOZZLE	Title: PLASMA FIRED FEED NOZZLE	Title :
		Agent Reference: 7944SG91	Agent Refere		SON PTE LTD.	Agent: SPRUSON & FERGUSON PTE LTD.	Agent:
		ence :	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
							Other Reference No. :
	RPL, AGT	15-Aug-2033	13-Dec-2016		15-Aug-2013	PCT	Singapore
		Lapsed	SG11201501118Q		SG11201501118Q	A6	ALTR-11
							Owner:
					NOZZLE	Title: PLASMA FIRED FEED NOZZLE	Title :
		Agent Reference: 2410-523129RU	Agent Refere			Agent: Gorodissky & Partners	Agent:
R		9 <i>nce</i> :	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client
EE							Other Reference No. :
EL:	RPL, AGT	15-Aug-2033	16-Sep-2019	10-Oct-2016	15-Aug-2013	PCT	Russian Federation
06		Lapsed	2700266		<u>2015108962</u>	A5	ALTR-11
							Owner:
			, gon i coo		ONOZZLE	Title: PLASMA FIRED FEED NOZZLE	Title:
	240	Agent Peference: 306/KOLNID/2015 IA/mdS	Agent Pefer		indig) didap dell ria.	Agent: H V WII I IAMS & CO	Agent
NT RA			Client Reference :		neray Group Co. 1td	<i>Client</i> : Sunshine Kaidi New Energy Group Co. Ltd.	Other Reference No. :
M	RPL, AGT				16-Feb-2015	PCT	India
≣: (		Abandoned			396/KOLNP/2015	A4	ALTR-11
08	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
15, 2023	Tuesday, August 15, 2023					% LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 6 of 24

							Омпет:
						Title: START-UP TORCH	Title:
		Agent Reference: 11368-3	Agent Refer			Agent: L. S. DAVAR & CO.	Agent:
		ence:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
							Other Reference No. :
	RPL, AGT	16-Apr-2033	25-Mar-2022		16-Apr-2013	PCT	India
		Granted	393049		2153/KOLNP/2014	B4	ALTR-12
							Owner:
						Title: START-UP TORCH	Title:
		Agent Reference: IHC150236	Agent Refer		demark Law Office	Agent: CCPIT Patent and Trademark Law Office	Agent:
		ence:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
							Other Reference No. :
	RPL, AGT	16-Apr-2033	04-May-2018	11-Dec-2015	12-Jun-2015	RCN	Hong Kong
		Granted	HK1205243	1205243	<u>15105587.1</u>	¥	ALTR-12
							Owner:
						Title: START-UP TORCH	Title:
		Agent Reference: PN815752EP	Agent Refer			Agent: MARKS & CLERK	Agent:
		rence:	Client Reference		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
							Other Reference No. :
	RPL, AGT			25-Feb-2015	16-Apr-2013	PCT	European Patent Convention
		Abandoned		EP2839231	13778322.1	В3	ALTR-12
							Owner:
						Title: START-UP TORCH	Title :
		Agent Reference: IIM143107	Agent Refer		demark Law Office	<b>CCPIT Patent and Trademark Law Office</b>	Agent:
R		ence:	Client Reference		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
EE							Other Reference No. :
iL:	RPL, AGT	16-Apr-2033	03-May-2017	21-Jan-2015	16-Apr-2013	PCT	China (People's Republic)
06		Granted	71 201380025891 X	CN104302997A	CN201380025891 X	R)	AI TR-12
P. 876							Owner:
AT 808		Agent Hererence: 81/82935	Agent Kerer			Agem: SMART & BIGGAR Title: START-UP TORCH	Agent Title
EN FF		rence:	Client Reference		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
IT RA							Other Reference No. :
ME	RPL, AGT			24-Oct-2013	16-Apr-2013	PCT	Canada
≣; •		Abandoned		2869808	2,869,808	В1	ALTR-12
08	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
Tuesday, August 15, 2023	Tue					O&LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 7 of 24

Case Number         Sub Crase         Application Number         Publication Number         Expense Number         Expense Number         Expense Number         Expense Number         Exprise Number         Exprise Number         Antinus           ALTR-12         B5         20114158890         2010506         Lapsed         Lapsed         RPL_AGT           Altr-12         Agent Counting No. 1         2010506         Lapsed         Sequence No. 1         Lapsed         Sequence No. 1         Lapsed No. 2         Sequence No. 1         Lapsed No. 2         Agent Reseases 2         2413.51940RU         Sequence No. 1								OWIE
Sait Case   Application Number   Patent Number   Patent Number   Case Type   Filing Date   Case Type   Caper C	<u> </u>	Track One					START-UP TORCH	Title: \$
Spit Case   Application Number   Patient Number   Patie			ference: ALTER-109729	Agent Re				Agent:
Sub Case   Application Number   Publication Number   Patent Number   Case Type   Child 1445890   Expiration Date   Sub Case Type   Child 1445890   Expiration Date   Sub Case Type   Expiration Date   Sub Case Type   Expiration Date   Expiration			ference:	Client Re		energy Group Co., Ltd.	Sunshine Kaidi New E	Client: \$
Sub Case   Application Number   Publication Number   Case   Number   Case   Case   Type   Filing Date   Publication Number   Patent Number   Case   Case   Case   Type   Filing Date   Expiration Date   Expirat			ack One : No	Tra				Other Reference No.:
Sub Case   Application Number   Publication Number   Patent Number   Status   Case Type   Filing Date   Publication Date   Sisue Date   Expiration Date		RPL, AGT	Abandoned		US-2017-0016619-A1 19-Jan-2017	<u>15/278,995</u> 28-Sep-2016	CON	ALTR-12 United States of America
Sub Case   Application Number   Publication Number   Satus   Case Type   Filing Date   Publication Date   Issue Date   Issue Date   Expiration Date   B5   2014145890   2670506   Lapsed   2670507   Lapsed		Hack Olle					SIARI-OF TORCE	9
Sub Case   Application Number   Publication Number   Case Type   Filing Date   Publication Number   Case Type   Filing Date   Publication Date   Case Type   Filing Date   Case Type   Filing Date   Case Type   Filing Date   Case Type		Took Opp	terence: ALTER-100425	Agent Ke			START LIB TORCH	Agent:
Sub Case   Application Number   Publication Number   Case Type   Filing Date   Publication Date   Issue Date   Expiration Date   Expirat			terence:	Client Re		energy Group Co., Ltd.	Sunshine Kaidi New E	Client
Sub Case   Application Number   Publication Number   Case Type   Filing Date   Publication Date   Issue Date   Issue Date   Expiration Date			ack One: No	Tra		) )	· · · · · · · · · · · · · · · · · · ·	Other Reference No.:
Sub Case   Application Number   Publication Number   Case Type   Filing Date   Publication Date   Issue Date   Expiration Date   Case Type   Filing Date   Publication Date   Issue Date   Expiration Date   Ciferrit   Ciferrit   Ciferrit   Ciferrit   Condisisky & Partners   Ciferrit		RPL, AGT	GRANTEDNLH 24-Nov-2033	9,574,770 B2 21-Feb-2017	US-2013-0273480-A1 17-Oct-2013	<u>13/860,662</u> 11-Apr-2013	A ORD	ALTR-12 United States of America
Sub Case   Application Number   Publication Number   Status								Owner:
Sub Case         Application Number Case Type         Publication Date         Patent Number Issue Date         Patent Number Expiration Date         Status Expiration Date           B5         2014145880 20142143880 PCT         2014145880 16-Apr-2013         23-Oct-2018         Lapsed 23-Oct-2018         Lapsed 23-Oct-2018           C/ient Reference : Agent: Gorodissky & Partners Title: START-UP TORCH         C/ient Reference : 2413-519409RU           Winner: B6         SG11201406657X 16-Apr-2013         SG11201406657X 25-Aug-2016         Lapsed 25-Aug-2016         Lapsed 26-Aug-2016           PCT         16-Apr-2013         SG11201406657X 25-Aug-2016         Lapsed 25-Aug-2016         Lapsed 26-Aug-2016           PCT         16-Apr-2013         SG11201406657X 25-Aug-2016         Lapsed 27-Apr-2013         Expired 27-Apr-2013           PCT         16-Apr-2013         SG11201406657X 25-Aug-2016         Lapsed 26-Aug-2016         Expired 17-Apr-2013           PCT         16-Apr-2013         SG11201406657X 25-Aug-2016         Lapsed 26-Aug-2016         Expired 17-Apr-2013           PCT         17-Apr-2012         Expired 17-Apr-2013         Expired 17-Apr-2013           PCT         17-Apr-2012         Expired 17-Apr-2013         Expired 17-Apr-2013           PCT         17-Apr-2012         Expired 17-Apr-2013           PCT         17-Apr-2012         <	<u> </u>	Track One					START-UP TORCH	Title: \$
Sub Case         Application Number Case Type         Application Number Filling Date         Publication Number Patent			ference: ALTER-100425	Agent Re				Agent:
Sub Case   Application Number   Publication Number   Status   Case Type   Filing Date   Publication Date   Susu Date   Expiration Date			ference:	Client Re		energy Group Co., Ltd.	Sunshine Kaidi New E	Client: \$
Sub Case         Application Number Case Type         Application Number Fulling Date         Publication Number Publication Number Patient Number Issue Date         Patient Number Essue Date         Status Expiration Date			ack One : No	Tra				Other Reference No. :
bber         Sub Case         Application Number         Publication Number         Patent Number         Status           Case Type         Filing Date         Publication Date         Issue Date         Expiration Date           B5         2014145890         2670506         Lapsed           ederation         PCT         16-Apr-2013         23-Oct-2018         16-Apr-2033           Cilent: Sunshine Kaidi New Energy Group Co., Ltd.         Agent: Gorodissky & Partners         Cilent Reference : 2413-519409RU           Agent: Gorodissky & Partners         B6         SG11201406657X         Agent Reference : 2413-519409RU           Differ Reference No. :         B6         SG11201406657X         SG11201406657X         Lapsed           PCT         16-Apr-2013         SG11201406657X         SG11201406657X         Lapsed           PCT         16-Apr-2013         SG11201406657X         Agent Reference : 7944SG90         Cilent Reference : 7944SG90           Cilent: SPRUSON & FERGUSON PTE LTD.         Agent Reference : 7944SG90         Expired           Expired		뫈	17-Apr-2013			17-Apr-2012	PRO	United States of America
bber         Sub Case         Application Number         Publication Number         Patent Number         Patent Number         Status           Clase Type         Filling Date         Publication Date         Issue Date         Expiration Date           B5         2014145890         2670506         Lapsed           ederation         PCT         16-Apr-2013         23-Oct-2018         16-Apr-2033           Client: Sunshine Kaidi New Energy Group Co., Ltd.         Agent: Gorodissky & Partners         Client Reference : Agent Reference : Agent Reference : 2413-519409RU           Agent: START-UP TORCH         SG11201406657X         Lapsed           Owner:         B6         SG11201406657X         Lapsed           PCT         16-Apr-2013         SG11201406657X         Lapsed           Client: Sunshine Kaidi New Energy Group Co., Ltd.         Agent: Agent Reference : Agent Reference : Agent Reference : Agent Reference : 7944SG90           Agent: SPRUSON & FERGUSON PTE LTD.         Client Reference : 7944SG90           Title : START-UP TORCH         Agent Reference : 7944SG90			Expired			61/625,398		ALTR-12
bber         Sub Case         Application Number         Publication Number         Patent Number         Status           Case Type         Filing Date         Publication Date         Issue Date         Expiration Date           B5         2014145890         2014145890         23-Oct-2018         Lapsed           20ther Reference No.:         Client: Sunshine Kaidi New Energy Group Co., Ltd.         Client Reference: Client Reference: 2413-519409RU           Agent: Gorodissky & Partners         FOT         16-Apr-2013         Client Reference: 2413-519409RU           Diher Reference No.:         B6         SG11201406657X         Lapsed           Dher Reference No.:         SG11201406657X         Lapsed           Client: Sunshine Kaidi New Energy Group Co., Ltd.         SG11201406657X         Lapsed           Agent: SPRUSON & FERGUSON PTE LTD.         Client Reference: 7944SG90         Client Reference: 7944SG90								Омпег:
Iber         Sub Case         Application Number         Publication Number         Patent Number         Status           Case Type         Filling Date         Publication Date         Issue Date         Expiration Date           B5         2014145890         2670506         Lapsed           Client Reference No.:         Client Reference Isonodissky & Partners         Client Reference : Agent Reference : 2413-519409RU           Title: START-UP TORCH         B6         SG11201406657X         Agent Reference : 2413-519409RU           Diher Reference No.:         PCT         16-Apr-2013         SG11201406657X         Lapsed           Client: Sunshine Kaidi New Energy Group Co., Ltd.         SG11201406657X         Lapsed           PCT         16-Apr-2013         SG11201406657X         Lapsed           Client: Sunshine Kaidi New Energy Group Co., Ltd.         Client Reference : 47043C500			16161766 . 13TTOG30	J. German		0 2 - - - - - - - -	START-UP TORCH	Title:
ber Sub Case Type   Application Number   Publication Number   Satus			<i>ference</i> : 7944SG90	Client Re		Energy Group Co., Ltd.	Sunshine Kaidi New E	Client: S
Iber         Sub Case         Application Number         Publication Number         Patent Number         Patent Number         Status           ederation         B5         2014145890         Publication Date         2670506         Lapsed           2014145890         23-Oct-2018         23-Oct-2018         16-Apr-2033           Client Reference No.:         Client Reference: 2413-519409RU           Agent Gorodissky & Partmers           Title: START-UP TORCH         Agent Reference: 2413-519409RU           Agent Reference: 2413-519409RU           Dwiner:         B6         SG11201406657X         SG11201406657X         Lapsed           PCT         16-Apr-2013         16-Apr-2033         05-Aug-2016         16-Apr-2033								Other Reference No.:
Sub Case         Application Number         Publication Number         Patent Number         Status           Case Type         Filing Date         Publication Date         Issue Date         Expiration Date           B5         2014145890         2670506         Lapsed           PCT         16-Apr-2013         23-Oct-2018         16-Apr-2033           berence No.:         Client: Sunshine Kaidi New Energy Group Co., Ltd.         Client Reference:         Client Reference:         2413-519409RU           77ite:         START-UP TORCH         START-UP TORCH         SG11201406657X         Lapsed		RPL, AGT	16-Apr-2033	05-Aug-2016		16-Apr-2013	PCT	Singapore
Sub Case Sub Case Application Number Publication Number Publication Number Issue Date Status  Case Type Filing Date Publication Date Issue Date Expiration Date  B5 2014145890 2670506 Lapsed 23-Oct-2018 16-Apr-2033  eirence No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent: Gorodissky & Partners Title: START-UP TORCH  Ownner:			Lapsed	SG11201406657X		SG11201406657X	B6	ALTR-12
Sub Case   Sub Case   Application Number   Publication Number   Issue Date   Expiration Date   Expiration Date    B5							START-UP TORCH	Title : S Owner :
Sub Case Application Number Publication Number Patent Number Status Case Type Filing Date Publication Date Issue Date Expiration Date  B5 2014145890 2670506 Lapsed PCT 16-Apr-2013 23-Oct-2018 16-Apr-2033			ference: 2413-519409RU	Agent Re		8	Gorodissky & Partners	Agent: (
Sub Case Case Type Case Type B5 PCT Application Number Publication Number Publication Date Publication Number Patent Number Expiration Date Patent Number Expiration Date			ference ·	Client Re		neray Group Co I td	Sunshine Kaidi New E	Other Reference No. :
mber Sub Case Application Number Publication Number Patent Number Status Case Type Filing Date Publication Date Issue Date Expiration Date  B5 2014145890 2670506 Lapsed		RPL, AGT	16-Apr-2033	23-Oct-2018		16-Apr-2013	PCT	Russian Federation
Imber       Sub Case       Application Number       Publication Number       Patent Number       Status         Case Type       Filing Date       Publication Date       Issue Date       Expiration Date			Lapsed	2670506		2014145890	B5	ALTR-12
Sub Case Application Number Publication Number Patent Number		Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
			Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number



Page 8 of 24

							Owner:
	Track One : □		ı	<sub>O</sub>	Title: METHOD OF RECYCLING STEEL BELTED TIRES	ETHOD OF RECYC	Title : N
		Agent Reference: ALTER-	Agent Refe				Agent:
		erence:	Client Reference		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: S
		Track One: No	Trac				Other Reference No. :
	RPL	01-Aug-2008	26-Dec-1989		01-Aug-1988	PR!	United States of America
		Expired	4.889.556		07/226.712		ALTR-14
				C			Owner:
		Agent Reterence : ALTER-	Agent Ket	n	<i>gent</i> : SMART & BIGGAR	Agent: SMART & BIGGAR	Agent: S
		erence:	Client Reference :		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: S
							Other Reference No.:
	RPL	03-Sep-2013	03-Sep-1996		01-Aug-1989	ORD	Canada
		Expired	1,338,567		607,222		ALTR-14
							Owner:
	Track One : □			Title: METHOD OF DESULFURIZING MOLTEN METAL IN A PLASMA FIRED CUPOLA	URIZING MOLTEN METAL	ETHOD OF DESULF	Title: N
		Agent Reference: ALTER-	Agent Refe				Agent:
		erence:	Client Reference		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: S
		Track One: No	Trac				Other Reference No. :
	RPL	29-Jun-2008	01-Aug-1989		29-Jun-1988	PRI	United States of America
		Expired	4,853,033		<u>07/212,851</u>		ALTR-13
							Owner:
				Title: METHOD OF DESULFURIZING MOLTEN METAL IN A PLASMA FIRED CUPOLA	URIZING MOLTEN METAL	ETHOD OF DESULF	Title: N
		Agent Reference: ALTER-	Agent Refe			Agent: SMART & BIGGAR	Agent: S
R		erence:	Client Reference :		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: S
EE							Other Reference No. :
ĒL:	RPL	02-Apr-2013	02-Apr-1996		09-Jun-1989	ORD	Canada
00		Expired	1,338,198		602,386		ALTR-13
							Owner:
		rgan nataransa . 19401-141	J. Gom Hotel			Title: START-UP TORCH	Title: S
EN FI		erence : 70/61_127	Client Reference		<i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. Arent : SMART & RIGGAR	unshine Kaidi New E MART & RIGGAR	Client: S
IT RA							Other Reference No. :
ME	RPL	16-Apr-2016		24-Oct-2013	16-Apr-2013	ORD	Patent Cooperation Treaty
E: (		Expired		WO 2013/155625	CA2013/050292	B	ALTR-12
080	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
t 15, 2023	Tuesday, August 15, 2023					& LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 9 of 24

Tuesday, August 15, 2023

								Owner:
						Title: HIGH-PRESSURE SELF-CLEANING ELBOW	HIGH-PRESSURE SE	Title:
			Agent Reference: 84012736	Agent Refer			Agent: SMART & BIGGAR	Agent:
			ence:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
								Other Reference No. :
		AGT	Closed		WO 2017/201617 30-Nov-2017	PCT/CA2017/050624 24-May-2017	A ORD	ALTR-17 Patent Cooperation Treaty
								Owner:
		Track One : □		Ġ		Titie: HIGH-PRESSURE SELF-CLEANING ELBOW	HIGH-PRESSURE SE	Title:
			Client Reference: Agent Reference: Al TER-106387	Agent Reference		rnergy Group Co., Lta.	Crient:  Arrent:	Agent:
			Track One: No	Track				Other Reference No. :
		RPL, AGT			30-Nov-2017	26-May-2016	PRI	United States of America
			Abandoned		US-2017-0343145-A1	15/165,582		ALTR-17
								Owner:
		Track One :		3Y PLASMA MELTING	Title: CONVERSION OF CONTAMINATED SEDIMENTS INTO USEFUL PRODUCTS BY PLASMA MELTING	ONTAMINATED SEDIMENTS	CONVERSION OF CO	Title :
			Agent Reference: ALTER-	Agent Refer				Agent:
			ence:	Client Reference		energy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd	Client:
			Track One : No	Track				Other Reference No. :
		RPL	01-Dec-2015	18-Aug-1998		21-Oct-1996	CIP	United States of America
			Expired	5,795,285		08/734,660	Þ	ALTR-16
								Owner:
		Track One :			S	Title: PLASMA VITRIFICATION OF WASTE MATERIALS	PLASMA VITRIFICAT	Title:
			Agent Reference : ALTER-	Agent Refer				Agent:
R			ence:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd	Client:
EE			Track One: No	Track				Other Reference No. :
EL:		RPL	01-Dec-2015	10-Jun-1997		01-Dec-1995	PRI	United States of America
0			Expired	5,637,127		08/566,238		ALTR-16
	F							Owner:
	_ РА	Track One :		ES .	Title: PROCESS FOR RECOVERING METALS FROM IRON OXIDE BEARING MASSES	OVERING METALS FROM IF	PROCESS FOR REC	Title:
	TE		Agent Reference: ALTER-	Agent Refer				Agent:
	ΞN		ence:	Client Reference		energy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
	Т		Track One: No	Track				Other Reference No. :
ME		RPL	03-May-2015	17-Mar-1998		03-May-1995	PRI	United States of America
≣: (			Expired	5,728,193		08/434,372		ALTR-15
08		Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
64			Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
	Tuesday, August 15, 2023	I u					ָר נ נ	



Page 10 of 24

							Owner:
				(F3/WF4 FCT/AU)	////e: PLASMA GASIFICATION REACTOR (2008WPZ/WP3/WP4 PCT/AU)	PLASMA GASIFICATI	///e::
		Agent Kelerence : P8/6/2	Аделі Ке	DOMINA DOTALLA		Agent: Griffith Hack	Agen:
		(Conno.: B0767)	Acout Do		99	Priffith Look	A cont
		iference:	Client Reference :		neray Group Co., Ltd.	<i>Client</i> : Sunshine Kaidi New Energy Group Co Ltd	Client:
							Other Reference No. :
	RPL, AGT	Lapsed 04-Feb-2030	2010213982 14-May-2015		2010-213982 04-Feb-2010	PCT	ALTR-2 Australia
							Owner:
				TION REACTORS	Title: RETRACTABLE PLASMA TORCH FOR GASIFICATION REACTORS	RETRACTABLE PLAS	Title : 1
		Agent Reference: 84012745	Agent Re			Agent: SMART & BIGGAR	Agent: \$
		ference :	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client: \$
							Other Reference No. :
	AGT			30-Nov-2017	24-May-2017	ORD	Patent Cooperation Treaty
		Closed		WO 2017/201619	PCT/CA2017/050626	Þ	ALTR-19
							Owner:
	Track One :			TION REACTORS	Title: RETRACTABLE PLASMA TORCH FOR GASIFICATION REACTORS	RETRACTABLE PLAS	<i>Title</i> : 1
		Agent Reference: ALTER-106423	Agent Re				Agent:
		ference:	Client Reference		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client: \$
		Track One: No	Tra				Other Reference No. :
	RPL, AGT			30-Nov-2017	26-May-2016	PRI	United States of America
		Abandoned		US-2017-0342338-A1	15/165,700		ALTR-19
							Owner:
			(	REACTORS	Title: AUTOMATED TAPPING SYSTEM FOR GASIFIER REACTORS	AUTOMATED TAPPIN	Title : /
F		Client Keierence : Agent Reference : 84012784	Client Reference : Agent Reference :		nergy Group Co., Lta.	Client: Sunshine Kaldi New Energy Group Co., Ltd Agent: SMART & BIGGAR	Agent: 1
REI		•	) :		) )	· · · · · · · · · · · · · · · · · · ·	Other Reference No.:
EL:	AGT			30-Nov-2017	24-May-2017	ORD	Patent Cooperation Treaty
0(		Closed		WO 2017/201618	PCT/CA2017/050625	➤	ALTR-18
							Owner:
	Track One : □			TION REACTORS	Title: AUTOMATED TAPPING SYSTEM FOR GASIFICATION REACTORS	AUTOMATED TAPPIN	Title: ı
		Agent Reference: ALTER-106421	Agent Re				Agent:
EN FF		ference:	Client Reference		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd	Client: \$
		Track One: No	Tra				Other Reference No.:
ME	RPL, AGT			30-Nov-2017	26-May-2016	PRI	United States of America
E: (		Abandoned		US-2017-0343286-A1	15/165,646		ALTR-18
08	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
65		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
Tuesday, August 15, 2023	Tuesday, Au					& LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



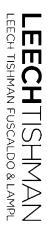
Page 11 of 24

		Client Reference : Agent Reference : IIM151834	Client Reference : Agent Reference :	VP3/WP4 PCT/CN/CN DIV)	No.: <i>No.</i> :  // Sunshine Kaidi New Energy Group Co., Ltd.  // Sent: CCPIT Patent and Trademark Law Office  // Title: PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT/CN/CN DIV)  // Wor:	<i>ce No.</i> :  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent: CCPIT Patent and Trademark Law Office  Title: PLASMA GASIFICATION REACTOR (2008)	Other Reference No. : Client : Agent : Title : Owner :
	RPL, AGT	Abandoned		CN105126723A 09-Dec-2015	<u>CN201510407820.7</u> 13-Jul-2015	C3DV DIV	ALTR-2 China (People's Republic)
		Client Reference : Agent Reference : IIM112084	Client Reference : Agent Reference :	VP3/WP4 PCT/CN)	No.: //ient: Sunshine Kaidi New Energy Group Co., Ltd. //ient: CCPIT Patent and Trademark Law Office //Title: PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT/CN)	ce No.: Client: Sunshine Kaidi New Energy Group Co., Ltd Agent: CCPIT Patent and Trademark Law Office Title: PLASMA GASIFICATION REACTOR (2008)	Other Reference No. : Client: Agent: Title: Owner:
	RPL, AGT	Granted 04-Feb-2030	ZL201080007559.7 29-Jul-2015	CN102316974A 11-Jan-2012	<u>CN201080007559.7</u> 04-Feb-2010	C3 PCT	ALTR-2 China (People's Republic)
		Client Reference : Agent Reference : 84312726	Client Reference : Agent Reference :	VP3/WP4 PCT/CA DIV)	· <i>No.</i> : //ent: Sunshine Kaidi New Energy Group Co., Ltd. gent: SMART Title: PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT/CA DIV)	<i>ce No.</i> :  Client: Sunshine Kaidi New Energy Group Co., Ltd  Agent: SMART  Title: PLASMA GASIFICATION REACTOR (2008)  Owner:	Other Reference No.: Client: Sunshin Agent: SMART Title: PLASM. Owner:
	RPL, AGT	Granted 04-Feb-2030	3,008,823 18-Oct-2022		<u>3,008,823</u> 19-Jun-2018	C2DV DIV	ALTR-2 Canada
REE		Client Reference : Agent Reference : 81732772	Client Reference : Agent Reference :	VP3/WP4 PCT/CA)	<i>No.</i> : <i>lient</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>gent</i> : SMART <i>Title</i> : PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT/CA)	<i>ce No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd Agent : SMART Title : PLASMA GASIFICATION REACTOR (2008	Other Reference No.: Client: Sunshir Agent: SMART Title: PLASM Owner:
EL: 0	RPL, AGT	Granted 04-Feb-2030	2,751,859 31-Jul-2018	2751859 19-Aug-2010	<u>2,751,859</u> 08-Aug-2011	C2 PCT	ALTR-2 Canada
PATENT 67608 FRA		Client Reference : Agent Reference : P87672.AU.1	Client Reference Agent Reference	VP3/WP4 PCT/AU DIV)	. <i>No.</i> : <i>\ient</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>gent</i> : Griffith Hack <i>Title</i> : PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT/AU DIV)	<i>ce No.</i> : <i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd <i>Agent</i> : Griffith Hack <i>Title</i> : PLASMA GASIFICATION REACTOR (200) <i>Dwner</i> :	Other Reference No.: Client: Agent: Title: Owner:
ME:	RPL, AGT	Lapsed 04-Feb-2030	2015202017 08-Dec-2016	25-Aug-2016	<u>2015-202017</u> 21-Apr-2015	C1DV DIV	ALTR-2 Australia
0866	Attorneys	Status Expiration Date	Patent Number Issue Date	Publication Number Publication Date	Application Number Filing Date	Sub Case Case Type	Case Number Country
just 15, 2023	Tuesday, August 15, 2023					& LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 12 of 24

				Other Reference No.	ALTR-2 United States of America					Other Reference No. :	India	ALTR-2					Other Reference No. :	Hong Kong	ALTR-2					Other Reference No.	Hong Kong	ALTR-2				Other Reference No.	United Kingdom	ALTR-2	Country	Case Number	
Owner:	Title: PLASMA GASIFIC	Agent:	Client: Sunshine Kaidi New Energy Group Co., Ltd	тсе No. :	a PRI	Owner:		Agent: H. V. WILLIAMS & CO.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	nce No. :	PCT	C5	Owner:	Title: PLASMA GASIFIC	Agent: CCPIT Patent and Trademark Law Office	Client: Sunshine Kaidi New Energy Group Co., Ltd.	nce No. :	RCN	HK1	Owner:	Title: PLASMA GASIFIC	Agent: CCPIT Patent and Trademark Law Office	Client: Sunshine Kaidi New Energy Group Co., Ltd.	nce No. :	RCN	¥	Owner:	Agent: MARKS & CLERK	Client: Sunshine Kaidi New Energy Group Co., Ltd	тсе No. :	PCT	C4	Case Type	Sub Case	
	Title: PLASMA GASIFICATION REACTOR (2008WP2)		w Energy Group Co., Ltd.		<u>12/378,167</u> 11-Feb-2009		PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT/IN)	CO.	w Energy Group Co., Ltd.		04-Feb-2010	3400/KOLNP/2011		Title: PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 HK)	Trademark Law Office	w Energy Group Co., Ltd.		08-Jun-2016	<u>16106593.0</u>		Title: PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 HK)	Trademark Law Office	w Energy Group Co., Ltd.		07-Jun-2012	12105575.8	mer:	ATION DEACTOR (2008)A/E	w Energy Group Co., Ltd.		04-Feb-2010	1114613.1	Filing Date	Application Number	
	2)				US-2010-0199557-A1 12-Aug-2010		2/WP3/WP4 PCT/IN)				02-Nov-2012			<sup>3</sup> 2/WP3/WP4 HK)				24-Feb-2017	1218527A		<sup>2</sup> /WP3/WP4 HK)				28-Sep-2012	1164778	(2) AND 31 AND 4 UC 1/GD)	DOMINO DOTION			09-Nov-2011	2480194	Publication Date	Publication Number	
	,	Agent Refe	Client Reference	Trac				Agent Refe	Client Reference :						Agent Refe	Client Reference :						Agent Refe	Client Reference		24-Jun-2016	HK1164778		Agent Ker	Client Reference		07-Jan-2015	2480194	Issue Date	Patent Number	
		Agent Reference: ALTER-99124	erence:	Track One: No	Abandoned			Agent Reference: 3400/KOLN/2011	erence:			Abandoned			Agent Reference: IHC160306	erence:			Abandoned			Agent Reference: IHC120247	erence:		04-Feb-2030	Granted		Agent Heterence: PN/9981/GB	erence:		04-Feb-2030	Lapsed	Expiration Date	Status	
	Track One : □				RPL						RPL, AGT							RPL, AGT							RPL, AGT						RPL, AGT		Attorneys		i uesuay, nu
																							R	EE	ĒL:	0(	P# 676		EN FF		ME	=: (	08	67	Tuesday, August 15, 2025



Page 13 of 24

Other Reference No. : Client : \$ Agent : \$ Title : L Owner :	ALTR-20 Patent Cooperation Treaty	Other Reference No. : Client : \$ Agent : Title : I Owner :	ALTR-20 United States of America	Other Reference No. : Client : S Agent : Title : F	ALTR-2 Patent Cooperation Treaty	Other Reference No. : Client : S Agent : Title : F Owner :	ALTR-2 United States of America	Other Reference No. : Client: S Agent: Title: F Owner:	ALTR-2 United States of America	LEECH TISHMAN FUSCALDO & LAMPL  Case Number Sut  Country Cas
<i>ce No.</i> :  Client: Sunshine Kaidi New Agent: SMART & BIGGAR  Title: LOW-EFFLUENT S'	A ORD	Sunshine Kaidi New LOW-EFFLUENT S`	PRI	Sunshine Kaidi New PLASMA GASIFICA	C ORD	Sunshine Kaidi New PLASMA GASIFICA	PRI	Sunshine Kaidi New PLASMA GASIFICA	PRI	& LAMPL Sub Case Case Type
<i>Se No.</i> : Client: Sunshine Kaidi New Energy Group Co., Ltd. Agent: SMART & BIGGAR Title: LOW-EFFLUENT SYNGAS HANDLING SYSTEM  Dwner:	PCT/CA2017/050627 24-May-2017	<i>æ No.</i> : Client: Sunshine Kaidi New Energy Group Co., Ltd. Agent: Title: LOW-EFFLUENT SYNGAS HANDLING SYSTEM Dwner:	<u>15/165,448</u> 26-May-2016	<i>ce No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : Title : PLASMA GASIFICATION REACTOR (2008WP2/WP3/WP4 PCT) Dwner :	<u>US2010/023184</u> 04-Feb-2010	<i>xe No.</i> :  Client : Sunshine Kaidi New Energy Group Co., Ltd.  Agent :  Title : PLASMA GASIFICATION REACTOR (2008WP4)  Dwner :	12/378,184 11-Feb-2009	<i>ce No.</i> :  Client : Sunshine Kaidi New Energy Group Co., Ltd.  Agent :  Title : PLASMA GASIFICATION REACTOR (2008WP3)  Dwner :	<u>12/378,166</u> 11-Feb-2009	Application Number Filing Date
	WO 2017/201620 30-Nov-2017		US-2017-0342339-A1 30-Nov-2017	VP3/WP4 PCT)	WO 2010/093553 19-Aug-2010		US-2010-0199560-A1 12-Aug-2010		US-2010-0199556-A1 12-Aug-2010	Publication Number Publication Date
Client Reference : Agent Reference		Track One Client Reference Agent Reference		Client Reference : Agent Reference :		Track One Client Reference Agent Reference	9,222,038 B2 29-Dec-2015	Track One Client Reference Agent Reference		Patent Number Issue Date
Client Reference : Agent Reference : 84012775	Closed	Track One: No Client Reference: Agent Reference: ALTER-106525	Abandoned	Client Reference : Agent Reference : ALTER-86288	Expired 04-Feb-2013	Track One : No Client Reference : Agent Reference : ALTER-99136	Granted 28-Mar-2033	Track One : No Client Reference : Agent Reference : ALTER-99135	Abandoned	Status Expiration Date
	AGT	Track One : □	RPL, AGT		RPL	Track One : □	RPL, AGT	Track One : □	RPL	Tuesday, August 15, 2023 Attorneys
						REI	≣L: 0(	PATENT 67608 FRA	ME:	



Page 14 of 24

	Track One : □			IONS	<i>Title</i> : PLASMA GASIFIER - BED REPLACEMENT OPTIONS <i>vner</i> :	LASMA GASIFIER -	<i>Title</i> : PI <i>Owner</i> :
	  - 	Agent Reference: ALTER-89025	Agent Re				Agent:
		ference:	Client Reference		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: Su
		Track One: No	Tra				Other Reference No. :
	RPL					PRI	United States of America
		Closed					ALTR-5
							Owner:
	Track One : □		ğ	TION (2009WP1P)	Title: SYSTEM AND PROCESS FOR FUEL GASIFICATION (2009WP1P)	YSTEM AND PROCE	Title: S
		Agent Reference: Al TER-87891	Agent Re		inorgy disorder contract		Agent:
		ference:	Client Reference:		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: Si
		<i>Track One</i> : No	Тга				Other Reference No. :
	RPL	24-Nov-2010			24-Nov-2009	PRO	United States of America
		Expired			61/281,895		ALTR-4
							Owner:
		OF BIOMASS (2008WP1/PCT)		Title: SYSTEM AND PROCESS FOR REDUCTION OF GREENHOUSE GAS AND CONVERSION	ESS FOR REDUCTION OF	YSTEM AND PROCE	Title: S'
		Agent Reference: ALTER-					Agent:
		ference:	Client Reference :		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: St
							Other Reference No. :
	RPL	15-Jun-2012		17-Dec-2009	15-Jun-2009	ORD	Patent Cooperation Treaty
		Expired		WO 2009/152508	US2009/047384	≻	ALTR-3
							Owner:
	Track One : □	(2008WP1)	유	Title: SYSTEM AND PROCESS FOR REDUCTION OF GREENHOUSE GAS AND CONVERSION	ESS FOR REDUCTION OF	YSTEM AND PROCE	Title: S
		Agent Reference: ALTER-87688	Agent Rei				Agent:
R		ference :	Client Reference :		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: Su
EE		Track One : No	Tra				Other Reference No. :
EL:	RPL			17-Dec-2009	14-Jun-2008	PRI	United States of America
0(		Abandoned		US-2009-0307974-A1	<u>12/157,751</u>		ALTR-3
Р 676						Owner: Millennium EFW Ltd.	Owner: M
PAT 808	Track One : □	CTOR (0767Z)	PLASMA GASIFIER REAC	Title : METHOD AND APPARATUS FOR FEEDING MUNICIPAL SOLID WASTE TO A PLASMA GASIFIER REACTOR (0767Z)	RATUS FOR FEEDING MU	ETHOD AND APPAR	Title : M
		ference:	Agent Reference :				Agent:
		ference:	Client Reference :		Client: Sunshine Kaidi New Energy Group Co., Ltd.	unshine Kaidi New E	Client: St
		Track One : No	Tra				Other Reference No. :
ME	AGT	20-Dec-2032	23-May-2017	26-Jun-2014	20-Dec-2012	PRI	United States of America
 E: (		Lapsed	9,656,863	US-2014-0175335-A1	13/721,846		ALTR-21
080	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
69		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
15, 2023	Tuesday, August 15, 2023					& LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 15 of 24



Hong Kong

Country

Case Number

Sub Case Case Type

Filing Date

Application Number

Publication Number

Patent Number

Status

Issue Date

Abandoned **Expiration Date** 

Publication Date

1198526A

ALTR-7

풎

14112040.9

#### Patent Status List Report By Case Number

Page 16 of 24

Tuesday, August 15, 2023

Attorneys

Other Reference No.: Owner: Agent: CCPIT Patent and Trademark Law Office Client: Sunshine Kaidi New Energy Group Co., Ltd Title: PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1NP/PCT/CN/HK) RCN 28-Nov-2014 15-May-2015 Agent Reference: IHC140530 Client Reference RPL, AGT

India ALTR-7 Other Reference No. : ₽ PCT 468/KOLNP/2014 05-Mar-2014 Abandoned

RPL, AGT

Agent: L. S. DAVAR & CO. Client: Sunshine Kaidi New Energy Group Co., Ltd. Title: PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1NP/PCT/IN) Agent Reference: SCS/nd Client Reference

Owner:

ALTR-7 Russian Federation Other Reference No. : PCT B5 05-Jan-2012 2014113900 2014113900 20-Oct-2015 10-Apr-2016 2581092 05-Jan-2032 Lapsed

RPL, AGT

Agent: Gorodissky & Partners Client: Sunshine Kaidi New Energy Group Co., Ltd Agent Reference: 2410-513975RL Client Reference

Title: PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1NP/PCT/RU)

Singapore ALTR-7 Other Reference No. : PCT В6 05-Jan-2012 SG11201400417S SG11201400417S 18-Apr-2016 05-Jan-2032 Lapsed RPL, AGT

Title: PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1NP/PCT/SG)

Client Reference

Agent Reference

Agent: Spruson & Ferguson (Asia)

Client: Sunshine Kaidi New Energy Group Co., Ltd

Singapore ALTR-7 Other Reference No. : B6DV SG10201602951X 14-Apr-2016 29-Jun-2016 Published RPL, AGT

Agent: Spruson & Ferguson (Asia) Client: Sunshine Kaidi New Energy Group Co., Ltd Client Reference

Title: PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1NP/PCT/SG Agent Reference: 35860SG3



Page 17 of 24

	Track One : □	Track One: No Client Reference: Agent Reference: ALTER-107754 METHODS OF MAKING	AND	<ul> <li>No.:</li> <li>ilient: Sunshine Kaidi New Energy Group Co., Ltd.</li> <li>gent:</li> <li>Title: CARBONACEOUS BRICKS FOR USE IN CARBON BEDS OF GASIFICATION REACTORS CARBONACEOUS BRICKS (2010WP1DV3)</li> <li>mner:</li> </ul>	<i>2e No.</i> :  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent:  Title: CARBONACEOUS BRICKS FOR USE IN CARBO CARBONACEOUS BRICKS (2010WP1DV3)  Dwiner:	unshine Kaidi New E ARBONACEOUS BI	Other Reference No.: Client: S Agent: Title: C Owner:
	RPL, AGT	Abandoned		2016-0039715-A1 11-Feb-2016	14/884,286 15-Oct-2015	A3 DIV	ALTR-7 United States of America
	Track One : □	Track One: No Client Reference: Agent Reference: ALTER-102216 COKE REQUIREMENTS (2010WP1DV2)	Track One: Client Reference: Agent Reference: EDUCED COKE REQUIREMENT	Sunshine Kaidi New Energy Group Co., Ltd. PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED	Sunshine Kaidi New Energy Group Co., Ltd. PLASMA GASIFICATION REACTORS WITH MOD	unshine Kaidi New E LASMA GASIFICAT	Other Reference No. : Client : S Agent : Title : P Owner :
	RPL, AGT	GRANTEDNLH 06-Jan-2032	9,656,915 B2 23-May-2017	US-2015-0344793-A1 03-Dec-2015	14/820,604 07-Aug-2015	A2 DIV	ALTR-7 United States of America
	Track One : □	Track One: No Client Reference: Agent Reference: ALTER-102215 COKE REQUIREMENTS (2010WP1DV1)	Track One Client Reference: Agent Reference: EDUCED COKE REQUIREMENT	Sunshine Kaidi New Energy Group Co., Ltd. PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED	Sunshine Kaidi New Energy Group Co., Ltd. PLASMA GASIFICATION REACTORS WITH MOI	unshine Kaidi New E LASMA GASIFICATI	Other Reference No. : Client : S Agent : Title : P Owner :
	RPL, AGT	Granted 30-Sep-2031	9,222,026 B2 29-Dec-2015	US-2013-0192970-A1 01-Aug-2013	13/803,107 14-Mar-2013	A1 DIV	ALTR-7 United States of America
REE	Track One : □	Track One: No Client Reference: Agent Reference: ALTER-89522 : REQUIREMENTS (2010WP1NP)	Track One: Client Reference: Agent Reference: Agent Reference:	Track One: No Sunshine Kaidi New Energy Group Co., Ltd.  Client Reference: Agent Reference: ALTER-89522 PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1NP)	<i>ce No.</i> :  Client : Sunshine Kaidi New Energy Group Co., Ltd.  Agent :  Title : PLASMA GASIFICATION REACTORS WITH MODE  Dwner :	unshine Kaidi New E LASMA GASIFICAT	Other Reference No. : Client : S Agent : Title : P Owner :
EL: 0(	RPL	Abandoned		US-2012-0061618-A1 15-Mar-2012	<u>13/199,814</u> 09-Sep-2011	A ORD	ALTR-7 United States of America
PATENT 67608 FRA	Track One : □	Track One: No Client Reference: Agent Reference: ALTER-89522 : REQUIREMENTS (2010WP1P)	Track One Client Reference Agent Reference: AGENT REFERENCE EDUCED COKE REQUIREMENT	Track One: No Sunshine Kaidi New Energy Group Co., Ltd.  Client Reference: Agent Reference: Agent Reference: ALTER-89522 PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCED COKE REQUIREMENTS (2010WP1P)	<i>ce No.</i> :  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent:  Title: PLASMA GASIFICATION REACTORS WITH MODE  Dwner:	unshine Kaidi New E LASMA GASIFICAT	Other Reference No. : Client : S Agent : Title : P Owner :
ME:	RPL	Expired 11-Sep-2011			<u>61/403,123</u> 11-Sep-2010	PRO	ALTR-7 United States of America
0872	Attorneys	Status Expiration Date	Patent Number Issue Date	Publication Number Publication Date	Application Number Filing Date	Sub Case Case Type	Case Number Country
5, 2023	Tuesday, August 15, 2023					& LAMPL	LEECH IISHMAN FUSCALDO & LAMPL



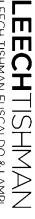
Page 18 of 24

Other Reference No.: Client: Agent: Title: Owner:	ALTR-8 European Patent Convention	Other Reference No.: Client: Agent: Title Owner:	ALTR-8 China (People's Republic)	Other Reference No.: Client: Agent: Title Owner:	ALTR-8 China (People's Republic)	Other Reference No.: Client: Agent: Title Owner:	ALTR-8 Canada	Other Reference No.: Client: Agent: Title Owner:	ALTR-7 Patent Cooperation Treaty	Case Number Sul
nnce No.: Client: Sunshine Kaidi Ne Agent: MARKS & CLERK Title: ENHANCED PLAS Owner:	B3 rention PCT		B2DV blic) DIV		B2 blic) PCT	ince No.:  Client: Sunshine Kaidi Nev Agent: SMART & BIGGAR Title: ENHANCED PLASI Owner:	B1 PCT	nce No.: Client: Sunshine Ka Agent: Title: PLASMA GA Owner:	B eaty ORD	Sub
<i>:e No.</i> : <i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>Agent</i> : MARKS & CLERK <i>Title</i> : ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/EP)	<u>12701402.5</u> 12-Jan-2012	<i>Se No.</i> :  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent: CCPIT Patent and Trademark Law Office  Title: ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/CN  Dwner:	V <u>CN201710013971.3</u> 10-Jan-2017	<i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>Agent</i> : CCPIT Patent and Trademark Law Office <i>Title</i> : ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/CN)	<u>CN201280012949.2</u> 12-Jan-2012	<i>æ No.</i> : <i>Client</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>Agent</i> : SMART & BIGGAR <i>Title</i> : ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/CA) <i>Dwner</i> :	<u>2,825,955</u> 12-Jan-2012	<i>Se No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : Title : PLASMA GASIFICATION REACTORS WITH MODIFIED CARBON BEDS AND REDUCE  Dwiner :	<u>US2012/020361</u> 05-Jan-2012	Sub Case Application Number Case Type Filing Date
Co., Ltd.		Co., Ltd. Office FOR PRODUCING SY		Co., Ltd. Office FOR PRODUCING SY		Co., Ltd. FOR PRODUCING SY	12	Co., Ltd. RS WITH MODIFIED (	<u>361</u>	Number
/NGAS (2011WP1NP/	EP2670823 11-Dec-2013	/NGAS (2011WP1NP/	CN106675654A 17-May-2017	/NGAS (2011WP1NP/	CN103502400A 08-Jan-2014	/NGAS (2011WP1NP/		CARBON BEDS AND F	WO 2013/036281 14-Mar-2013	Publication Number Publication Date
	EP2670823 04-Jul-2018	DIV)			ZL201280012949.2 15-Feb-2017			Client Reference: Agent Reference: REDUCED COKE REQUIREMENT		Patent Number Issue Date
Client Reference : Agent Reference : PN810734EP	CEASED 12-Jan-2032	Client Reference : Agent Reference : IIM163080	Abandoned	Client Reference : Agent Reference : IIM132490	Lapsed 12-Jan-2032	Client Reference : Agent Reference : 81773048	Abandoned	<i>Client Reference</i> : <i>Agent Reference</i> : ALTER-99419 D COKE REQUIREMENTS (2010WP1NP/PCT)	Expired 05-Jan-2015	Status Expiration Date
	RPL, AGT		AGT		RPL, AGT		RPL, AGT		RPL	l uesday, A Attorneys
						REI	EL: 0(	PATENT 67608 FRA	ME:	Tuesday, August 15, 2023 0873



Page 19 of 24

						CWier	
		Client Reference : Agent Reference : 2410-198390RU		<i>lient</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>gent</i> : Gorodissky & Partners <i>Title</i> : ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/RU)	nergy Group Co., Ltd. s A GASIFIERS FOR PRODU	Client: Sunshine Kaidi New Energy Group Co., Ltd Agent: Gorodissky & Partners Title: ENHANCED PLASMA GASIFIERS FOR PF	
	RPL, AGT	12-Jan-2032	20-Aug-2016	10-Mar-2015	12-Jan-2012	PCT PCT	Russian Federation  Other Reference No.:
		Lapsed	2594410	2013 140 830A	<u>2013140830</u>	B5	ALTR-8
		Client Reference : Agent Reference : 2416/KOLNP/2013		Sunshine Kaidi New Energy Group Co., Ltd. H. V. WILLIAMS & CO. ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/IN)	energy Group Co., Ltd. D. V GASIFIERS FOR PRODU		Other Reference No.: Client: Agent: Title: Owner:
	RPL, AGT	Abandoned			2416/KOLNP/2013 12-Jan-2012	B4 PCT	ALTR-8 India
		e: e: IHC170369	Client Reference : Agent Reference : IHC170369 'CT/CN DIV/HK2)	No. :  // // No. :  // // No. :  // No. :  // No. :  // Construct Sunshine Kaidi New Energy Group Co., Ltd.  // Patent and Trademark Law Office  // Title : ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/CN DIV/HK2)  // No. :  // No	inergy Group Co., Ltd. idemark Law Office \ GASIFIERS FOR PRODU	nce No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd Agent: CCPIT Patent and Trademark Law Office Title: ENHANCED PLASMA GASIFIERS FOR PF Owner:	Other Reference No. : Client: Agent: Title: Owner:
	AGT	Abandoned		1236558A 29-Mar-2018	17110575.3 18-Oct-2017	HK2 RCN	ALTR-8 Hong Kong
		e: e: IHC140323	Client Reference : Agent Reference : IHC140323 'CT/CN/HK)	No.: lient: Sunshine Kaidi New Energy Group Co., Ltd.  gent: CCPIT Patent and Trademark Law Office  Title: ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/CN/HK)  wner:	inergy Group Co., Ltd. idemark Law Office \ GASIFIERS FOR PRODU	ce No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd  Agent: CCPIT Patent and Trademark Law Office  Title: ENHANCED PLASMA GASIFIERS FOR PF  Owner:	Other Reference No.: Client: Agent: Title: Owner:
	RPL, AGT	Lapsed 12-Jan-2032	HK1193627 29-Mar-2018	1193627A 26-Sep-2014	<u>14106954.5</u> 08-Jul-2014	RCN	ALTR-8 Hong Kong
		<i>e</i> : <i>e</i> : PN810734EP	Client Reference : Agent Reference : PN810734EP //PCT/EP/GB)	<i>No.</i> : //ient: Sunshine Kaidi New Energy Group Co., Ltd. gent: MARKS & CLERK Title: PLASMA GASIFIER AND PROCESS FOR PRODUCING SYNGAS (2011WP1NP/PCT/EP/GB)	nergy Group Co., Ltd.	ce No.: Client: Sunshine Kaidi New Energy Group Co., Ltd Agent: MARKS & CLERK Title: PLASMA GASIFIER AND PROCESS FOR Owner:	Other Reference No.: Client: Agent: Title: Owner:
	RPL, AGT	Lapsed 12-Jan-2032	EP2670823 04-Jul-2018	EP2670823 11-Dec-2013	<u>12701402.5</u> 12-Jan-2012	B3 EPP	ALTR-8 United Kingdom
	Attorneys	Status Expiration Date	Patent Number Issue Date	Publication Number Publication Date	Application Number Filing Date	Sub Case Case Type	Case Number Country
Tuesday, August 15, 2023	Tuesd					SCALDO & LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Page 20 of 24

**REEL: 067608** 

E		Agent Beference: 70//SG77	Agent Pefe		Asia)	Agent: Sprieson & Ferguson (Asia)	Age
		rence:	Client Reference:		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Clie
T RA						9. :	Other Reference No. :
ME	RPL, AGT	12-Jan-2032	16-Feb-2016		12-Jan-2012	PCT	Singapore
E: (		Lapsed	192222		SG201305797-1	B6	ALTR-8
08	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
75		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
Tuesday, August 15, 2023	Tuesday,					DO & LAMPL	LEECH TISHMAN FUSCALDO & LAMPL

ALTR-8 ALTR-8 United States of America Singapore ALTR-8 United States of America Other Reference No.: Other Reference No.: Other Reference No.: Agent: Owner: Owner: Owner: Owner: Agent: Agent: Spruson & Ferguson (Asia) Client: Sunshine Kaidi New Energy Group Co., Ltd Client: Sunshine Kaidi New Energy Group Co., Ltd Client: Sunshine Kaidi New Energy Group Co., Ltd Agenr: Spruson & Ferguson (Asia) Title: ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP) Title: ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1P) Title: ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/SG DIV) Title: ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT/SG) ORD ₽V B6DV PRO 09-Sep-2011 05-Feb-2011 61/462,601 03-Feb-2016 SG10201600852T 13/199,813 09-Aug-2012 US-2012-0199795-A1 30-Mar-2016 9,005,320 B2 20-Jan-2022 10201600852T 14-Apr-2015 Agent Reference: ALTER-97404 Agent Reference: ALTER-97404 Client Reference Agent Reference: 35860SG2 Client Reference Agent Kererence: /9445G// Client Reference Track One: No Track One: No 31-Oct-2031 Lapsed 05-Feb-2012 Expired Granted 12-Jan-2032 몬 Track One: RPL, AGT Track One :  $\Box$ RPL, AGT **PAT** 

United States of America

 $\stackrel{\square}{\sim}$ 

25-Feb-2015 14/631,214

US-2015-0166914-A1

9,540,579 B2

10-Jan-2017

19-Mar-2032 GRANTEDNLH

RPL, AGT

Agent Reference: ALTER-106438

Track One :

Client Reference

Track One: No

18-Jun-2015

2

Other Reference No. :

Owner:

Agent:

Client: Sunshine Kaidi New Energy Group Co., Ltd

Title: PROCESS FOR PRODUCING SYNGAS USING PLASMA GASIFIERS (2011WP1NP/DIV) (CLAIMS 19-24)

ALTR-8



Page 21 of 24

Other Reference No.: Client: Agent: Title: Owner:	ALTR-9 Hong Kong	Other Reference No.: Client: Agent: Title: Owner:	ALTR-9 European Patent Convention	Other Reference No.: Client: Agent: Title Owner:	ALTR-9 China (People's Republic)	Other Reference No.: Client: Agent: Title: Owner:	ALTR-9 Canada	Other Reference No.: Client: Agent: Title: Owner:	ALTR-8 Patent Cooperation Treaty	Case Number Country	LEECH TISHMAN FUSCALDO & LAMPL
<i>ce No.</i> :  Client: Sunshine Kaidi New Energy Group Co., L  Agent: CCPIT Patent and Trademark Law Office  Title: PROCESS AND APPARATUS FOR TRE  Dwner:	RCN	ce No.: Client: Sunshine Kaidi New Agent: MARKS & CLERK Title: PROCESS AND APF	B3 PCT	ce No.: Client: Sunshine Kaidi New Energy Group Co., L Agent: CCPIT Patent and Trademark Law Office Title: PROCESS AND APPARATUS FOR TRE Dwner:	B2 PCT	: : Sunshine Kaidi New : SMART & BIGGAR : PROCESS AND APF	B1 PCT	: Sunshine Kaidi New : : ENHANCED PLASM	B ORD	Sub Case Case Type	O & LAMPL
<i>ze No.</i> :  **Client*: Sunshine Kaidi New Energy Group Co., Ltd.  **Agent*: CCPIT Patent and Trademark Law Office  **Title*: PROCESS AND APPARATUS FOR TREATMENT  **Dwner*:	14108701.7 26-Aug-2014	<i>ce No.</i> :  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent: MARKS & CLERK  Title: PROCESS AND APPARATUS FOR TREATMENT  Dwner:	<u>12718498.4</u> 12-Apr-2012	ce No.: Client: Sunshine Kaidi New Energy Group Co., Ltd. Agent: CCPIT Patent and Trademark Law Office Title: PROCESS AND APPARATUS FOR TREATMENT Owner:	CN201280018309.2 12-Apr-2012	<i>æ No.</i> : Client: Sunshine Kaidi New Energy Group Co., Ltd. Agent: SMART & BIGGAR Title: PROCESS AND APPARATUS FOR TREATMENT Dwner:	<u>2,832,895</u> 12-Apr-2012	<i>ce No.</i> : Client : Sunshine Kaidi New Energy Group Co., Ltd. Agent : Title : ENHANCED PLASMA GASIFIERS FOR PRODUC Dwner :	<u>US2012/021060</u> 12-Jan-2012	Application Number Filing Date	
No.:  Client: Sunshine Kaidi New Energy Group Co., Ltd.  Agent: CCPIT Patent and Trademark Law Office  Title: PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR ASH (2011WP2NP/PCT/CN/HK)  Wher:	1195281A 07-Nov-2014	. <i>No.</i> : <i>lient</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>gent</i> : MARKS & CLERK <i>Title</i> : PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR BOTTOM ASH AND <i>wner</i> :	2696982	No.:       Cli         lient: Sunshine Kaidi New Energy Group Co., Ltd.       Ag         gent: CCPIT Patent and Trademark Law Office       Ag         Title: PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR ASH (2011WP2NP/PCT/CN)         wner:       Apparatus	CN103608115A 26-Feb-2014	No.:   Ident: Sunshine Kaidi New Energy Group Co., Ltd.   Papert: SMART & BIGGAR	2832895 18-Oct-2012	<i>No.</i> : <i>lient</i> : Sunshine Kaidi New Energy Group Co., Ltd. <i>gent</i> : <i>Title</i> : ENHANCED PLASMA GASIFIERS FOR PRODUCING SYNGAS (2011WP1NP/PCT)	WO 2012/106084 09-Aug-2012	Publication Number Publication Date	
Client Reference : Agent Reference : 1 1WP2NP/PCT/CN/HK)	нК1195281 21-Sep-2018	FLY &		Client Reference : Agent Reference : 11WP2NP/PCT/CN)	ZL201280018309.2 31-Oct-2017	Client Reference : Agent Reference : 1 1WP2NP/PCT/CA)				Patent Number Issue Date	
Client Reference : Agent Reference : IHC140413 :N/HK)	Granted 12-Apr-2032	Client Reference : Agent Reference : PN811481EP \SH (2011WP2NP/PCT/EP)	Abandoned	Client Reference : Agent Reference : IIC132317 :N)	Granted 12-Apr-2032	Client Reference : Agent Reference : 81774296 ;A)	Abandoned	Client Reference : Agent Reference : ALTER-99420	Expired 12-Jan-2015	Status Expiration Date	
	RPL, AGT		RPL, AGT		RPL, AGT		RPL, AGT		RPL	Attorneys	Tuesday, ,
						REE	EL: 0	PATENT 67608 FRA	ME:	0876	Tuesday, August 15, 2023



Page 22 of 24

Discrete   Sub-Coase   Application Number   Publication Number   Parent Number   Satus   Satus   Case Type   Piling Date   Publication Date   B4   29739/GOLINE/2013   Philing Date   Publication Date   Publication Date   Port   12 Apr-2012   Philing Date   Publication Date   Port   Publication Date   Publication Date   Port   Publication Date   Port   Publication Date   Pub	Other Re.	ALTR-9 United States of America	Other Re.	ALTR-9 United States of America	Other Re	ALTR-9 United States of America	Other Re	ALTR-9 Russian Federation	Other Re	ALTR-9 India	Case Number Country
Application Number         Publication Number Effling Date         Patent Number Essue Date         Status Expiration Date         Status Expiration Date         Status Expiration Date         Agent Reference:         2973/KOLNP/2013RNS/K         RATUS FOR TREATMENT OF INCINERATION DASH AND FLY Asign Process (2410-199782RU)         Expiration Date	ference No.:  Client: Sunshine Kaidi  Agent:  Title: PROCESS AND		ference No.:  Client: Sunshine Kaidi Agent:  Title: PROCESS AND Owner:		Ference No.:  Client: Sunshine Kaidi Agent:  Title: PROCESS AND Owner:		ference No.:  Client: Sunshine Kaidi Agent: Gorodissky & Pa Title: AN APPARATU Owner:		ference No.:  Client: Sunshine Kaidi Agent: H. V. WILLIAMS Title: PROCESS AND Owner:	B4 PCT	Sub Ca Case Ty
lient Reference:  Abandoned  Lapsed 12-Apr-2012  12-Apr-2032  Track One: No lient Reference: ALTER-97948  H (2011WP2P)  GRANTEDNLH 18-Oct-2032  Track One: No lient Reference: ALTER-97948  H (2011WP2NP)  GRANTEDNLH 12-Apr-2032  Track One: No lient Reference: ALTER-97948  H (2011WP2NP)  GRANTEDNLH 12-Apr-2032  Track One: No lient Reference: ALTER-104520  H (2011WP2NP/DIV) (CLAIMS 15-30)	New Energy Group Co., Ltd. ) APPARATUS FOR TREATME!	14/585,277 30-Dec-2014	New Energy Group Co., Ltd. ) APPARATUS FOR TREATME!	<u>13/445,255</u> 12-Apr-2012	New Energy Group Co., Ltd. ) APPARATUS FOR TREATME!	<u>61/517,064</u> 13-Apr-2011	New Energy Group Co., Ltd. artners S FOR TREATING ASH PRODU	<u>2013150513</u> 12-Apr-2012	New Energy Group Co., Ltd. 3 & CO. ) APPARATUS FOR TREATME!	2973/KOLNP/2013 12-Apr-2012	
lient Reference:  Abandoned  Lapsed 12-Apr-2032  12-Apr-2032  Track One: No  Ient Reference:  GRANTEDNLH 18-Oct-2032  Track One: No  Ient Reference:  GRANTEDNLH 12-Apr-2032  Track One: No  Ient Reference:  GRANTEDNLH 12-Apr-2032  Track One: No  Ient Reference:  ALTER-97948  H (2011WP2NP)  GRANTEDNLH 12-Apr-2032  Track One: No  Ient Reference:  ALTER-104520  H (2011WP2NP/DIV) (CLAIMS 15-30)	NT OF INCINERATOR BOTTO	US-2015-0112114-A1 23-Apr-2015	NT OF INCINERATOR BOTTO	US-2012-0264995-A1 18-Oct-2012	NT OF INCINERATOR BOTTO		JCTS OF INCINERATION (201		NT OF INCINERATOR ASH (2)		Publication Number Publication Date
$\simeq$	Tra Client Re. Agent Re. M ASH AND FLY ASH (201	9,468,787 B2 18-Oct-2016	Tra Client Re. Agent Re. M ASH AND FLY ASH (201		Tra Client Re. Agent Re. M ASH AND FLY ASH (201		Client Re. Agent Re. 1WP2NP/PCT/RU)	2595747 27-Aug-2016	Client Re. Agent Re 011WP2NP/PCT/IN)		Patent Number Issue Date
	nck One: No ference: ference: ALTER-104520 1WP2NP/DIV) (CLAIMS 15-30	GRANTEDNLH 12-Apr-2032	ack One: No ference: ference: ALTER-97948 1WP2NP)	GRANTEDNLH 18-Oct-2032	nck One: No ference: ference: ALTER-97948 1WP2P)	Expired 13-Apr-2012	rerence : rerence : 2410-199782RU	Lapsed 12-Apr-2032	ference : ference : 2973/KOLNP/2013R	Abandoned	Status Expiration Date
		RPL, AGT	Track One : □	RPL, AGT	Track One : □	RPL		RPL, AGT	NSIK	RPL, AGT	Attorneys



Page 23 of 24

							Owner:
			1WP2NP/PCT)	Title: PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR ASH (2011WP2NP/PCT)	ARATUS FOR TREATMENT	PROCESS AND APPA	Title:
		Agent Reference: ALTER-100496	Agent Rei				Agent:
		ference:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
							Other Reference No. :
	RPL	12-Apr-2015		18-Oct-2012	12-Apr-2012	ORD	Patent Cooperation Treaty
		Expired		WO 2012/142253	<u>US2012/033274</u>	₩	ALTR-9
							Owner:
	Track One :	1WP2NP/CON-2)	ASH AND FLY ASH (201)	Title: PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR BOTTOM ASH AND FLY ASH (2011WP2NP/CON-2)	RATUS FOR TREATMENT	PROCESS AND APPA	Title:
		ference:	Agent Reference :				Agent:
R		ference :	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
E		Track One : No	Tra				Other Reference No. :
ĒL:	RPL, AGT					CON	United States of America
: 0(		Closed				А3	ALTR-9
							Owner:
PA 60	Track One : □	IWP2NP/CON)	ASH AND FLY ASH (201:	Title: PROCESS AND APPARATUS FOR TREATMENT OF INCINERATOR BOTTOM ASH AND FLY ASH (2011WP2NP/CON)	ARATUS FOR TREATMENT	PROCESS AND APPA	Title:
		Agent Reference: ALTER-106198	Agent Rei				Agent:
		ference:	Client Reference :		nergy Group Co., Ltd.	Client: Sunshine Kaidi New Energy Group Co., Ltd.	Client:
		Track One : No	Тга				Other Reference No. :
ME	RPL, AGT	28-May-2032	06-Jun-2017	23-Apr-2015	30-Dec-2014	CON	United States of America
] <b>=</b> : (		GRANTEDNLH	9,669,248 B2	US-2015-0112115-A1	14/585,408	A2	ALTR-9
08	Attorneys	Expiration Date	Issue Date	Publication Date	Filing Date	Case Type	Country
78		Status	Patent Number	Publication Number	Application Number	Sub Case	Case Number
ust 15, 2023	Tuesday, August 15, 2023					) & LAMPL	LEECH TISHMAN FUSCALDO & LAMPL



Report Options

Record Count: 113

Sort Order: By Case Number

#### Patent Status List Report By Case Number

Page 24 of 24

Tuesday, August 15, 2023

Print Documents: No Show Image: No

Print Designated Countries: No

Print Annuity Management: No Print Outstanding Actions: None

Print Inventors: No Print Remarks: No

Print Related Matters: No Print Abstract: No

From:

or □ Expiration or □ Status

Report Criteria

Status Code: All Status

Date By : ☑ Filing

or 🛭 Issue

Statuses:

Attorney Name:

Attorneys:

Keyword:

Owner Name:

Owner:

Inventors:

Agent Name:

Agent:

Client Name:

Client: ALTR

Country Name:

Area:

Countries:

Case Number:

Case Types:

or Last Update

Print Keyword: No

**PATENT** 

**REEL: 067608 FRAME: 0879** 

RECORDED: 06/04/2024