504838556 03/27/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4885293

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	

CONVEYING PARTY DATA

Name	Execution Date
ARQ COAL TECHNOLOGIES LLC (F/K/A/ HENDRICKS COAL TECHNOLOGIES LLC)	03/27/2018

RECEIVING PARTY DATA

Name:	OMNIS MINERAL TECHNOLOGIES, LLC		
Street Address:	4181 STATE STREET		
City:	SANTA BARBARA		
State/Country:	CALIFORNIA		
Postal Code:	93105		
Name:	OMNIS THERMAL TECHNOLOGIES, LLC		
Street Address:	3757 STATE STREET		
Internal Address:	SUITE 2A		
City:	SANTA BARBARA		
State/Country:	CALIFORNIA		
Postal Code:	93105		
Name:	EARTH TECHNOLOGIES USA LIMITED		
Street Address:	4181 STATE STREET		
City:	SANTA BARBARA		
State/Country:	CALIFORNIA		
Postal Code:	93105		

PROPERTY NUMBERS Total: 16

Property Type	Number
Application Number:	14495657
Patent Number:	9587192
Application Number:	14694735
Application Number:	14857450
Application Number:	15355928
Application Number:	15400575
Application Number:	61831918
Application Number:	61922374
Application Number:	61985721
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504838556 REEL: 045361 FRAME: 0186

Property Type	Number
Application Number:	62276732
Application Number:	62421128
PCT Number:	US1712604
PCT Number:	US1472850
PCT Number:	US1550737
PCT Number:	US1628485
PCT Number:	US1652243

CORRESPONDENCE DATA

Fax Number: (937)449-6405

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: (859) 425-1000

Email: anna.vislosky@dinsmore.com

Correspondent Name: CHARLES KREBS - DINSMORE & SHOHL LLP

Address Line 1: 250 WEST MAIN STREET

Address Line 2: SUITE 1400

Address Line 4: LEXINGTON, KENTUCKY 40507

ATTORNEY DOCKET NUMBER:	91985-22
NAME OF SUBMITTER:	CHARLES KREBS
SIGNATURE:	/Charles Krebs/
DATE SIGNED:	03/27/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=Security_Interest_Release03_27_18#page1.tif source=Security_Interest_Release03_27_18#page2.tif source=Security_Interest_Release03_27_18#page3.tif source=Security_Interest_Release03_27_18#page4.tif source=Security_Interest_Release03_27_18#page5.tif

RELEASE OF SECURITY INTEREST IN PATENT RIGHTS

THIS RELEASE OF SECURITY INTEREST IN PATENT RIGHTS (this "Release") is made as of March 27, 2018, by ARQ COAL TECHNOLOGIES LLC (f/k/a Hendricks Coal Technologies LLC), a Delaware limited liability company (the "Secured Party"), for the benefit of OMNIS MINERAL TECHNOLOGIES, LLC, a Delaware limited liability company, OMNIS THERMAL TECHNOLOGIES, LLC, a Delaware limited liability company, and EARTH TECHNOLOGIES USA LIMITED, a Hong Kong company (the "Grantors").

WITNESETH:

WHEREAS, the Grantors and the Secured Party are parties to that certain Intellectual Property Security Agreement dated as of March 27, 2017 (as amended, restated or otherwise modified through the date hereof, the "Security Agreement"; capitalized terms used but not otherwise defined herein shall have the respective meanings ascribed thereto in the Security Agreement), pursuant to which the Grantors have granted to the Secured Party a lien on and security interest in all of the right, title and interest of the Grantors in, to and under the Collateral, including the Patents set forth on Schedule I hereto; and

WHEREAS, the Security Agreement was recorded in the United States Patent and Trademark Office on June 8, 2017 at Reel 042652 and Frame 0557; and

WHEREAS, the Obligations secured by the Collateral have been satisfied and discharged and the Secured Party has agreed to release its lien on and security interest in and other rights and claims it may have in, to and under the Collateral, including the Patents set forth on Schedule I hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Secured Party hereby agrees as follows:

- 1. The Secured Party does hereby terminate, release and discharge any and all liens and security interests it may have on or in the Collateral, including the Patents set forth on Schedule I hereto, and any and all other rights and claims of the Secured Party in and to the Collateral under the Security Agreement.
- 2. This Release shall be governed by, and shall be construed and enforced in accordance with, the laws of the State of New York.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has caused this Release of Security Interest in Patent Rights to be executed and delivered as of the date first written above.

ARQ COAL TECHNOLOGIES LLC

By R. William West
R. William West
Chief Executive Officer

[SIGNATURE PAGE TO RELEASE OF SECURITY INTEREST IN PATENT RIGHTS]

SCHEDULE I

Omnis File No.	Country	Title	Application No./ Filing Date	Owner/Applicant	Patent No./ Issue Date
21688.2	USA	SYSTEMS AND METHODS FOR RECOVERY AND UPGRADE OF GOAL FINES	61/831,918 06-Jun-2013	Earth Technologies USA Ltd.	Provisional
21688.3	USA	VIBRATION ASSISTED VACUUM DEWATERING OF COAL FINES	61/922,374 31-Dec-2013	Earth Technologies USA Ltd.	Provisional
21688.4	USA	CAMSHAFT MECHANISM FOR APPLYING VIBRATION TO THE SURFACE OF FILTER CAKE	61/985,721 29-Apr-2014	Earth Technologies USA Ltd.	Provisional
21688.6	USA	FLOTATION SEPARATION OF FINE COAL PARTICLES FROM ASH-FORMING PARTICLES	14/495,657 24-Sep-2014	Earth Technologies USA Ltd.	Publication: US 2016/0082446 24-Mar-2016
21688.7	USA	VIBRATION ASSISTED VACUUM DEWATERING OF FINE COAL PARTICLES	14/586,685 30-Dec-2014	Earth Technologies USA Ltd.	Publication: US 2015/0184099 02-Jul-2015
21688.9	PCT	VIBRATION ASSISTED VACUUM DEWATERING OF FINE COAL PARTICLES	PCT/US14/72850 30-Dec-2014	Earth Technologies USA Ltd.	
21688.10	USA	COAL-DERIVED MINERAL MATTER AS A SOIL AMENDMENT	14/694,735 23-Apr-2015	Earth Technologies USA Ltd.	Publication: US 2016/0311728 27-Oct-2016
21688.11	USA	COMBUSTIBLE PELLET DRYING SYSTEM	14/857,450 17-Sep-2015	Omnis Thermal Technologies, LLC	
21688.12	USA	VARIABLE RESIDENCE TIME DRYING SYSTEM FOR BIOMASS	15/355,928 18-Nov-2016	Omnis Thermal Technologies, LLC	

Omnis File No.	Country	Title	Application No./ Filing Date	Owner/Applicant	Patent No./ Issue Date
21688.13	PCT	FLOTATION SEPARATION OF FINE COAL PARTICLES FROM ASH-FORMING PARTICLES	PCT/US15/50737 17-Sep-2015	Earth Technologies USA Ltd.	
21688.15	USA	COMBUSTION GAS REMOVAL FROM FLUE GAS USING COAL DERIVED MINERAL MATTER	62/276,732 08-Jan-2016	Earth Technologies USA Ltd.	Provisional
21688.17	PCT	COAL-DERIVED MINERAL MATTER AS A SOIL AMENDMENT	PCT/US2016/28485 20-Apr-2016	Earth Technologies USA Ltd.	
21688.18	USA	COAL-DERIVED SOLID HYDROCARBON	62/421,128 11-Nov-2016	Earth Technologies USA Ltd.	Provisional
21688.20	PCT	COMBUSTIBLE PELLET DRYING SYSTEM	PCT/US16/52243 16-Sep-2016	Omnis Thermal Technologies, LLC	
21688.24	USA	COMBUSTION GAS REMOVAL FROM FLUE GAS USING COAL DERIVED MINERAL MATTER	15/400,575 06-Jan-2017	Earth Technologies USA Ltd.	
21688.25	PCT	COMBUSTION GAS REMOVAL FROM FLUE GAS USING COAL DERIVED MINERAL MATTER	PCT/US2017/012604 06-Jan-2017	Earth Technologies USA Ltd.	

RECORDED: 03/27/2018