

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5682274

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
ALPHA COAL WEST, LLC (AS SUCCESSOR BY CONVERSION TO ALPHA COAL WEST, INC.)	08/21/2019
ALPHA AMERICAN COAL COMPANY, LLC	08/21/2019
DFDSTE, LLC (AS SUCCESSOR BY CONVERSION TO DFDSTE CORP., F/K/A DRY SYSTEMS TECHNOLOGIES, INC.)	08/21/2019
RECEIVING PARTY DATA	
Name:	CITICORP NORTH AMERICA, INC.
Street Address:	388 GREENWICH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10013
PROPERTY NUMBERS Total: 12	
Property Type	Number
Patent Number:	5486998
Patent Number:	5567018
Patent Number:	6086647
Patent Number:	6129483
Patent Number:	6132497
Patent Number:	6334738
Patent Number:	5272874
Patent Number:	5431706
Patent Number:	5488826
Patent Number:	5785030
Patent Number:	6502392
Patent Number:	7150258
CORRESPONDENCE DATA	
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PATENT

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ATTORNEY DOCKET NUMBER:	087598.0000020
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NAME OF SUBMITTER:	DAVID E. BAKER
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SIGNATURE:	/David E. Baker/
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DATE SIGNED:	08/22/2019
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Total Attachments: 4

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TERMINATION OF PATENT SECURITY AGREEMENT

This **TERMINATION OF PATENT SECURITY AGREEMENT**, effective as of August 21, 2019, is made by Alpha Coal West, LLC (as successor by conversion to Alpha Coal West, Inc.), Alpha American Coal Company, LLC, and DFDSTE, LLC (as successor by conversion to DFDSTE Corp., which was f/k/a Dry Systems Technologies, Inc.) ("Pledgors").

WHEREAS, pursuant to that certain Amended and Restated Guarantee and Collateral Agreement dated as of June 1, 2011, the "Guarantee and Collateral Agreement") and the Patent Security Agreement dated June 1, 2011 (the "Patent Security Agreement"), Pledgors granted to Citicorp North America, Inc., as Collateral Agent (the "Secured Party"), a continuing security interest in all of Pledgor's right, title and interest in, to and under all Collateral (as defined in the Patent Security Agreement), including the patents listed in Schedule A.

WHEREAS, the Patent Security Agreement was recorded in the United States Patent and Trademark Office on June 1, 2011 at Reel 026372 and Frame 0143.

WHEREAS, on July 12, 2016, the United States Bankruptcy Court for the Eastern District of Virginia, Richmond Division, entered its Order Confirming Second Amended Joint Plan of Reorganization of Debtors and Debtors in Possession, as Modified in that certain bankruptcy proceeding styled In re: Alpha Natural Resources, Inc., et al., Case No. 15-33896 (KRH) (hereinafter the "Bankruptcy Case"), confirming the Second Amended Joint Plan of Reorganization of Debtors and Debtors in Possession (hereinafter the "Plan").

WHEREAS, the Plan became effective on July 26, 2016 (hereinafter the "Effective Date"), and the Pledgors emerged from the Bankruptcy Case on the Effective Date as the "Reorganized Debtors."

WHEREAS, Section IV.Q of the Plan provides, in part, "all liens [as defined therein] against the property of any Estate, [as defined therein], will be deemed fully released and discharged, and all of the right, title, and intent of any holder of such liens, . . . , will revert to the applicable Reorganized Debtor, [as defined therein], and its successor and assigns."

WHEREAS, Section IV.Q of the Plan further provides "(a) the holders of such Liens will be authorized and directed to release any collateral or other property of the Estates held by such holder and to take such actions as may be requested by the Reorganized Debtors to evidence the release of such Lien, including the execution, delivery, filing or recording of such releases as may be requested by the Reorganized Debtors; and (b) the Reorganized Debtors shall be authorized to execute and file on behalf of the creditors Form UCC-3 termination statements or such other forms as may be necessary or appropriate to implement the provisions of this Section IV.Q."

WHEREAS, pursuant to, and in accordance with, the authority granted under Section IV.Q of the Plan, the Reorganized Debtors desire to release all Collateral (as defined in the Patent Security Agreement), including the patents listed in Schedule A attached hereto.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, all liens and security interests in the Collateral, including the patents listed in Schedule A, are hereby released and terminated.

[signature page follows]

IN WITNESS WHEREOF, each Reorganized Debtor has caused this Termination of Patent Security Agreement to be duly executed as of the date first set forth above.

Alpha Coal West, LLC (as successor by conversion to Alpha Coal West, Inc.)

By: C. Andrew Eidson

Name: C. Andrew Eidson

Title: Vice President and Treasurer

Alpha American Coal Company, LLC

By: C. Andrew Eidson

Name: C. Andrew Eidson

Title: Vice President and Treasurer

DFDSTE, LLC (as successor by conversion to DFDSTE Corp., which was f/k/a Dry Systems Technologies, Inc.)

By: C. Andrew Eidson

Name: C. Andrew Eidson

Title: President and Treasurer

Schedule A

Patents

No.	Description	Country	Registration Number	Owner
1.	Corso-Process Stabilizing Process Controller	United States	USP 5,486,998	Alpha Coal West, Inc.
2.	Hart-Continuous Mining Linear Advance System	United States	USP 5,567,018	Alpha American Coal Company, LLC
3.	Rahm et al. - Molasses/Oil-Coal Treatment Fluid and Method	United States	USP 6,086,647	Alpha Coal West, Inc.
4.	Jurako-Prefabricated Metal Overcast Having A Crushable Lower Section	United States	USP 6,129,483	Alpha American Coal Company, LLC
5.	Conklin-Dust Suppression System	United States	USP 6,132,497	Alpha American Coal Company, LLC
6.	Jurako-Prefabricated Metal Overcast Having A Crushable Lower Section	United States	USP 6,334,738	Alpha American Coal Company, LLC
7.	Paas-Exhaust Treatment System	United States	USP 5,272,874	Dry Systems Technologies, Inc.
8.	Paas-Disposable Particulate Filter	United States	USP 5,431,706	Dry Systems Technologies, Inc.
9.	Paas-Heat Isolated Catalytic Reactor	United States	USP 5,488,826	Dry Systems Technologies, Inc.
10.	Paas-Exhaust Gas Recirculation in Internal Combustion Engines	United States	USP 5,785,030	Dry Systems Technologies, Inc.
11.	Paas-Induction Cooled Exhaust Filtration System	United States	USP6,502,392	Dry Systems Technologies, Inc.
12.	T. McDonald-System and Method for Encapsulating High Temperature Surface Portions of a Machine Component	United States	USP 7,150,258	Dry Systems Technologies, Inc.