

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2948227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
DIAMOND POWER INTERNATIONAL, INC.	06/24/2014

RECEIVING PARTY DATA

Name:	BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT
Street Address:	555 CALIFORNIA STREET, 4TH STREET
Internal Address:	MAIL CODE: CA5-705-04-09
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94104

PROPERTY NUMBERS Total: 39

Property Type	Number
Patent Number:	5549079
Patent Number:	5585072
Patent Number:	5920951
Patent Number:	6190628
Patent Number:	5615953
Patent Number:	6733173
Patent Number:	7001067
Patent Number:	5950677
Patent Number:	6655397
Patent Number:	6764030
Patent Number:	6772775
Patent Number:	6782902
Patent Number:	6575122
Patent Number:	6069652
Patent Number:	6239831
Patent Number:	6778209
Patent Number:	6806900
Patent Number:	5774176
Patent Number:	5988079
Patent Number:	5794549

PATENT

Property Type	Number
Patent Number:	6325025
Patent Number:	6425352
Patent Number:	6338306
Patent Number:	6928937
Patent Number:	6431125
Patent Number:	7028926
Patent Number:	7637002
Patent Number:	7832366
Patent Number:	7392751
Patent Number:	7475645
Patent Number:	7360508
Patent Number:	6925969
Patent Number:	7735435
Patent Number:	8176883
Patent Number:	8573598
Patent Number:	7865996
Patent Number:	8702058
Application Number:	61762613
Application Number:	13741798

CORRESPONDENCE DATA

Fax Number: (704)373-8822

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: (704) 373-4640

Email: bsmith@mcguirewoods.com

Correspondent Name: BETTY G. SMITH, SENIOR PARALEGAL

Address Line 1: MCGUIREWOODS LLP, 201 N. TRYON STREET

Address Line 2: SUITE 3000

Address Line 4: CHARLOTTE, NORTH CAROLINA 28202

ATTORNEY DOCKET NUMBER: 4452178-0557

NAME OF SUBMITTER: BETTY G. SMITH

SIGNATURE: /Betty G. Smith/

DATE SIGNED: 07/22/2014

Total Attachments: 6

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PATENT

REEL: 033379 FRAME: 0484

**NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS**

Dated: as of June 24 , 2014

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Second Amended and Restated Pledge and Security dated as of June 24, 2014 (as amended, restated, supplemented or otherwise modified from time to time, the "Agreement") among the Grantor (as defined below), the other grantors party thereto and the Administrative Agent for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon the patents and patent applications on Schedule 1 to the Administrative Agent for the ratable benefit of the Secured Parties.

The Grantors and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in such patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.


Very truly yours,

GRANTOR:

DIAMOND POWER INTERNATIONAL,
INC.

Diamond Power International, Inc.
2600 E. Main Street
Lancaster, OH 43130

Jurisdiction of Organization: Delaware

By: 
Name: Dennis L. Apler
Title: Treasurer

Acknowledged and accepted:

ADMINISTRATIVE AGENT:

BANK OF AMERICA, N.A.

Bank of America, N.A.
Agency Management
555 California Street, 4th Floor
Mail Code: CA5-705-04-09
San Francisco, CA 94104

By: _____
Name: _____
Title: _____

**NOTICE
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PATENTS**

Dated: as of June 24, 2014

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Very truly yours,

GRANTOR:

Diamond Power International, Inc.
2600 E. Main Street
Lancaster, OH 43130

Jurisdiction of Organization: Delaware

DIAMOND POWER INTERNATIONAL,
INC.

By: _____

Name: _____

Title: _____

Acknowledged and accepted:

ADMINISTRATIVE AGENT:

Bank of America, N.A.
Agency Management
555 California Street, 4th Floor
Mail Code: CA5-705-04-09
San Francisco, CA 94104

BANK OF AMERICA, N.A.

By:  _____

Name: **Bridgett J. Manduk** _____

Title: **Vice President** _____

SCHEDULE 1

PATENTS

Status	File Date	App No	Issue Date	Pat No	Owner
OPEN BEAM SOOT BLOWER					
Granted	12-May-95	08/440317	27-Aug-96	5549079	Diamond Power International, Inc.
RETRACTABLE CHEMICAL INJECTION SYSTEM					
Granted	27-Jan-95	08/379974	17-Dec-96	5585072	Diamond Power International, Inc.
PARAMETER SENSING SOOTBLOWER					
Granted	3-Apr-97	08/832309	13-Jul-99	5920951	Diamond Power International, Inc.
METHOD FOR INJECTING NO_x INHIBITING LIQUID REAGENT INTO THE FLUE GAS OF A BOILER IN RESPONSE TO A SENSED TEMPERATURE					
Granted	28-Jun-94	08/266809	20-Feb-01	6190628	Diamond Power International, Inc.
BOILER BANK SURFACE TEMPERATURE PROFILER					
Granted	25-Jul-94	279736	1-Apr-97	5615953	Diamond Power International, Inc.
FURNACE GAS PYROMETER (GASTEMP ALTERNATIVE)					
Granted	19-Dec-96	08/770609	11-May-04	6733173	Diamond Power International, Inc.
Granted	9-Feb-04	10/774565	21-Feb-06	7001067	Diamond Power International, Inc.
PRESSURE EQUALIZATION VALVE					
Granted	4-Aug-97	08/905176	14-Sep-99	5950677	Diamond Power International, Inc.
ARTICULATING WATER MONITOR CLEANING DEVICE					
Granted	26-Dec-01	10/036173	2-Dec-03	6655397	Diamond Power International, Inc.
SOOTBLOWER NOZZLE ASSEMBLY WITH AN IMPROVED DOWNSTREAM NOZZLE					
Granted	2-Jan-02	10/039430	20-Jul-04	6764030	Diamond Power

Status	File Date	App No	Issue Date	Pat No	Owner
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International, Inc.

**SOOTBLOWER MECHANISM PROVIDING VARYING LANCE
ROTATIONAL SPEED**

Granted	20-Dec-01	10/029,900	10-Aug-04	6772775	Diamond Power International, Inc.
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**SOOTBLOWER LANCE TUBE FOR DUAL CLEANING
MEDIA**

Granted	5-Feb-02	10/049303	31-Aug-04	6782902	Diamond Power International, Inc.
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OSCILLATING SOOTBLOWER MECHANISM

Granted	19-Jul-02	10/199626	10-Jun-03	6575122	Diamond Power International, Inc.
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FURNACE VIDEO CAMERA APPARATUS

Granted	26-Sep-97	08/938195	30-May-00	6069652	Diamond Power International, Inc.
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Granted	8-Dec-99	09/456638	29-May-01	6239831	Diamond Power International, Inc.
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Granted	6-Oct-00	09/680578	17-Aug-04	6778209	Diamond Power International, Inc.
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Granted	10-Jan-01	09/758019	19-Oct-04	6806900	Diamond Power International, Inc.
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UNBURNED CARBON AND OTHER COMBUSTIBLES

Granted	6-Oct-97	08/944120	30-Jun-98	5774176	Diamond Power International, Inc.
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Granted	8-Sep-97	08/925340	23-Nov-99	5988079	Diamond Power International, Inc.
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COMBUSTION OPTIMIZATION SYSTEM

Granted	25-Jan-96	08/591012	18-Aug-98	5794549	Diamond Power International, Inc.
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SOOTBLOWING OPTIMIZATION SYSTEM

Granted	9-Nov-99	09/436944	4-Dec-01	6325025	Diamond Power International, Inc.
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Granted	1-Aug-01	09/920697	30-Jul-02	6425352	Diamond Power International, Inc.
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ASH HANDLING SYSTEM

Granted	18-Oct-00	09/691562	15-Jan-02	6338306	Diamond Power International, Inc.
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SOOTBLOWER CONTROL BASED ON BOILER THERMAL EFFICIENCY OPTIMIZATION

Granted 18-Dec-03 10/739858 16-Aug-05 6928937 Diamond Power International, Inc.

DEVICE FOR REGULATING AND CLEANING AN AIR INTAKE

Granted 5-Sep-00 09/623450 13-Aug-02 6431125 Diamond Power International, Inc.

SOOTBLOWER NOZZLE ASSEMBLY WITH NOZZLES HAVING DIFFERENT GEOMETRIES

Granted 24-Mar-04 10/808047 18-Apr-06 7028926 Diamond Power International, Inc.

ASSEMBLY AND METHOD FOR REMOVING A DEVICE FROM A BOILER

Granted 15-Jun-05 11/153671 29-Dec-09 7637002 Diamond Power International, Inc.

SOOTBLOWER FRAME ASSEMBLY

Granted 20-Dec-05 10/561569 16-Nov-10 7832366 Diamond Power International, Inc.

PORT RODDER WITH VELOCITY DAMPER

Granted 26-May-05 11/138574 1-Jul-08 7392751 Diamond Power International, Inc.

RETRACTABLE LIQUOR GUN FOR A RECOVERY FURNACE

Granted 26-May-05 11/138044 13-Jan-09 7475645 Diamond Power International, Inc.

DETONATION / DEFLAGRATION SOOTBLOWER

Granted 14-Jun-05 11/152577 22-Apr-08 7360508 Diamond Power International, Inc.

BOILER WALL BOX COOLING SYSTEM

Granted 24-Jun-04 10/876132 9-Aug-05 6925969 Diamond Power International, Inc.

APPARATUS FOR CLEANING A SMELT SPOUT OF A COMBUSTION DEVICE (BLADERUNNER)

Granted 24-May-06 11/439674 15-Jun-10 7735435 Diamond Power International, Inc.

Granted 26-Feb-09 12/393441 15-May-12 8176883 Diamond Power International, Inc.

SOOTBLOWER ISOLATION WALL BOX

Status	File Date	App No	Issue Date	Pat No	Owner
Granted	17-Sep-09	12/561488 5-Nov-13		8573598	Babcock & Wilcox Power Generation Group, Inc. Diamond Power International, Inc.
SOOTBLOWER WITH PROGRESSIVE CLEANING ARC					
Granted	18-Dec-09	12/642210	11-Jan-11	7865996	Diamond Power International, Inc.
WEAR-RESISTANT VALVE FOR TRANSPORTING PARTICULATE MATTER AND METHOD OF MAKING					
Granted	27-Apr-10	12/768133	22-Apr-14	8702058	Diamond Power International, Inc.
CONDENSATE REMOVAL SOOTBLOWER NOZZLE					
Pending	8-Feb-13	61/762613			Diamond Power International, Inc.
PNEUMATIC TRANSPORT WITH MULTI VESSEL DISCHARGE					
Pending	15-Jan-13	13/741798			Diamond Power International, Inc.