

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Mikhail Maryamchik | 07/21/2008 |
| David J. Walker | 07/21/2008 |
| Michael J. Szmania | 07/21/2008 |
| Donald L. Wietzke | 07/21/2008 |

RECEIVING PARTY DATA

| | |
|-----------------|---|
| Name: | Babcock & Wilcox Power Generation Group, Inc. |
| Street Address: | 20 S. Van Buren Avenue |
| City: | Barberton |
| State/Country: | OHIO |
| Postal Code: | 44203 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12175102 |

CORRESPONDENCE DATA

Fax Number: (330)860-6609
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 330-860-6605
Email: cmahoney@babcock.com
Correspondent Name: Carolyn Mahoney
Address Line 1: 20 S. Van Buren Avenue
Address Line 2: Intellectual Property Dept.
Address Line 4: Barberton, OHIO 44203

ATTORNEY DOCKET NUMBER:

7238

NAME OF SUBMITTER:

Carolyn Mahoney

Total Attachments: 3

PATENT

500598882

REEL: 021269 FRAME: 0660

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THIS ASSIGNMENT made the 21 day of July, 2008, by Mikhail Maryamchik, residing at 3800 Rosemont Boulevard #113D, Fairlawn, Ohio 44333, by Michael J. Szmania, residing at 1036 East Smith Road, Medina, Ohio 44256, by David J. Walker, residing at 185 Dawna Drive, Wadsworth, Ohio 44281, and by Donald L. Wietzke, residing at 7832 Quebrada Circle, Carlsbad, California 92009, all citizens of the United States of America;

WITNESSETH: That

WHEREAS, we are the joint inventors of a certain new and useful improvement and invention in

BLACK PLANT STEAM FURNACE INJECTION

for which we have prepared and filed a United States Provisional Application for Patent on July 27, 2007 having U.S. Application Serial No. 60/952,390, and for which we have prepared and executed an application for Letters Patent of the United States on July 17, 2008 having U. S. Application Serial No. 12/175,102; and

WHEREAS, BABCOCK & WILCOX POWER GENERATION GROUP, INC., a Corporation organized under the laws of the state of Delaware, U.S.A., and having its principal office at Barberton, Ohio, U.S.A., is desirous of acquiring the entire right, title, and interest in and to said improvement and invention, the United States Provisional Application for Patent, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, we, Mikhail Maryamchik, Michael J. Szmania, David J. Walker, and Donald L. Wietzke, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors and assigns, the entire right, title, and interest in and to the above-mentioned improvement, invention, United States Provisional Application for Patent, and application for Letters Patent therefor, and in and to any and all Letters Patent of the United States which may be hereinafter be granted therefor, and in and to any and all extensions, divisions, or reissues of said Letters Patent, the same to be held and enjoyed by said BABCOCK & WILCOX POWER GENERATION GROUP, INC., for its own use and behoof, and the use and behoof of its successors and assigns, to the full

ASSIGNMENT TO BABCOCK & WILCOX POWER GENERATION GROUP, INC.

CASES 7238P and 7238

end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND, for the consideration aforesaid, we hereby covenant and agree with said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors and assigns, that at the time of the execution and delivery of these presents, we are the joint and lawful owners of the entire right, title, and interest in and to the above-mentioned improvement, invention, United States Provisional Application for Patent, and application for Letters Patent above mentioned, and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, we hereby covenant and agree with said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors and assigns, that we will, whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable or that a reissue or extension of said Letters Patent is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said improvement and invention, or for the reissue or extension of same, without charge to said BABCOCK & WILCOX POWER GENERATION GROUP, INC., or its successors or assigns, but at its or their expense.

We hereby request the Honorable Commissioner of Patents and Trademarks of the United States to issue the Letters Patent in accordance with this instrument.

AND, for the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors, assigns, or nominees, the entire right, title, and interest in and to any and all Letters Patent or other form of protection which may be granted in countries foreign to the United States, or other form of protection which may be granted and in and to any and all applications for Letters Patent or other form of protection which may be filed for said improvement and invention in countries foreign to the United States, including all rights to claim

priority, and in and to the invention described in said applications; and we hereby authorize and empower said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors, assigns, or nominees, to apply for Letters Patent, or other form of protection, on said improvement and invention, in its own name or in the name of its successors, assigns, or nominees, in any and all countries where it may desire to file such applications and where such applications may be filed by another other than the inventors; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent, or other form of protection, for said improvement and invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors, assigns, or nominees, without charge to said BABCOCK & WILCOX POWER GENERATION GROUP, INC., its successors, assigns, or nominees, but at its or their expense.

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the day and year first above written.

Mikhail Maryamchik
Mikhail Maryamchik

Michael J. Szmania
Michael J. Szmania

David J. Walker
David J. Walker

Donald L. Wietzke
Donald L. Wietzke

WITNESSES:

Nataleigh Lasrado

Eric M. [Signature]

STATE OF Ohio)
) ss.
COUNTY OF Summit)

On this, the 21 day of July, 2008, before me personally appeared Mikhail Maryamchik, Michael J. Szmania, David J. Walker, and Donald L. Wietzke to me known and known to me to be the persons described in and who executed the foregoing instrument; and they acknowledged to me that they executed the same for the purpose therein stated.

Nataleigh Lasrado

SEAL