504890786 04/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4937528

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| DONALD L WIETZKE | 04/25/2018 |

RECEIVING PARTY DATA

| Name: | THE BABCOCK & WILCOX COMPANY |
|-----------------|------------------------------|
| Street Address: | 20 S. VAN BUREN AVENUE |
| City: | BARBERTON |
| State/Country: | ОНЮ |
| Postal Code: | 44203 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15057345 |

CORRESPONDENCE DATA

Fax Number: (330)860-6873

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: 330-860-6710

Email: patent@babcock.com

Correspondent Name: THE BABCOCK & WILCOX COMPANY

Address Line 1: LEGAL DEPARTMENT - INTELLECTUAL PROPERTY

Address Line 2: 20 SOUTH VAN BUREN AVENUE

Address Line 4: BARBERTON, OHIO 44203

| ATTORNEY DOCKET NUMBER: | CASE 7395 |
|-------------------------|------------|
| NAME OF SUBMITTER: | AMY M SAUS |
| SIGNATURE: | /amsaus/ |
| DATE SIGNED: | 04/30/2018 |

Total Attachments: 3

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PATENT 504890786 REEL: 045663 FRAME: 0879

ASSIGNMENT TO THE BABCOCK & WILCOX COMPANY

CASE 7395

THIS ASSIGNMENT made the 25 day of 475 , 20 18, by Mikhail Maryamshik, residing at 42 Glen Road Swampscott, MA 01907; and by Michael J Szmania, residing at 1036 East Smith Road, Medina, OH 44256 and by Donald L Wietzke, residing at 7832 Quebrada Circle, Carlsbad, CA 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

FURNACE COOLING BY STEAM AND AIR INJECTION

for which we have prepared and executed an application for Letters Patent of the United States on March 2, 2016, having U.S. Serial No. 15/057,345 and

WHEREAS, THE BABCOCK & WILCOX COMPANY, a Corporation organized under the laws of the state of Delaware, U.S.A., and having its principal office at 20 S. Van Buren Ave., Barberton, Ohio, U.S.A., is desirous of acquiring the entire right, title, and interest in and to said improvement and invention, 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 and other good and valuable considerations, the receipt of which is hereby acknowledged, we, Mikhail-Maryamchik, Michael J. Szmania, and Donald L. Wietzke, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors and assigns, the entire right, title, and interest in and to the above-mentioned improvement, invention, and application for Letters Patent therefor, and in and to any and all Letters Patent of the United States which may 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 THE BABCOCK & WILCOX COMPANY, for its own use and behoof, and the use and behoof of its successors and assigns, to the full 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 THE BABCOCK & WILCOX COMPANY, its successors and assigns, that at the time

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ASSIGNMENT TO THE BABCOCK & WILCOX COMPANY

CASE 7395

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, 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 THE BABCOCK & WILCOX COMPANY, 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 THE BABCOCK & WILCOX COMPANY, 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 THE BABCOCK & WILCOX COMPANY, 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, 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 improvement and invention described in said applications; and we hereby authorize and empower said THE BABCOCK & WILCOX COMPANY, 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

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ASSIGNMENT TO THE BABCOCK & WILCOX COMPANY

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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 THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, without charge to said THE BABCOCK & WILCOX COMPANY, 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.

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| Mikhail | WWGZ LACA | ያ ያማሚ ምን ያማ 1 እቃ |
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| | | |

Donald L. Wietzke

AMINESSES

STATE OF

COUNTY OF SANDIEGO

Michael J. Szmania

On this, the 15th day of 1700, 2016, before me personally appeared Mikhail Maryamchik, Michael J. Szmania, and Donald L. Wietzke, 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.

SS.

SEAL



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