

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2921200

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPHER D DODD	02/06/2014
PAUL K DESANTIS	02/06/2014
KEVIN J STAMBAUGH	02/06/2014
ALLAN R MACKOVJAK	02/06/2014
JOHN P MCLAUGHLIN	02/06/2014
BRETT T GOODYEAR	02/06/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Babcock & Wilcox Nuclear Operations Group, Inc.
<b>Street Address:</b>	24703 Euclid Avenue
<b>City:</b>	Euclid
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44117
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	61792235
Application Number:	14174630
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(330)860-6609
<i>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.</i>	
<b>Phone:</b>	330-860-6710
<b>Email:</b>	patent@babcock.com
<b>Correspondent Name:</b>	AMY M SAUS
<b>Address Line 1:</b>	20 S. VAN BUREN AVENUE
<b>Address Line 2:</b>	LAW DEPT - IP (BVCB2K)
<b>Address Line 4:</b>	BARBERTON, OHIO 44203
<b>ATTORNEY DOCKET NUMBER:</b>	CASE 7542
<b>NAME OF SUBMITTER:</b>	AMY M SAUS
<b>SIGNATURE:</b>	/amsaus/
<b>DATE SIGNED:</b>	07/01/2014

PATENT

**Total Attachments: 3**

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**ASSIGNMENT TO BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP, INC.**

THIS ASSIGNMENT made the 6<sup>th</sup> day of February, 2014, by Christopher D. Dodd, residing at 1257 Nicholson Avenue, Lakewood, OH 44107; Paul K. DeSantis, residing at 36063 Cannon Road, Bentleyville, OH 44022; Kevin J. Stambaugh, residing at 32323 Lake Shore Boulevard, Willowick, OH 44095; Allan R. Mackovjak, residing at 4706 Wood Street, Willoughby, OH 44095; John P. McLaughlin, residing at 12580 Pinebrook Drive, North Royalton, OH 44133; and Brett T. Goodyear, residing at 3266 Glenbrook Drive, Apt. 203, Twinsburg, OH 44087; all citizens of the United States of America;

WITNESSETH: That

WHEREAS, we, along with by Matthew W. Ales, residing at 1481 Lake Shore Dr., Forest, VA 24551; and by Michael J. Edwards, residing at 1315 Somerset Drive, Forest, VA 24551; both citizens of the United States of America; are joint inventors of a certain new and useful improvement and invention in

**CRDM WITH SEPARATE SCRAM LATCH ENGAGEMENT AND LOCKING** for which we have prepared and filed a United States Provisional Application for Patent on March 15, 2013, having U.S. Application Serial No. 61/792,235, and for which we have prepared and filed an application for Letters Patent of the United States on February 6, 2014; and

WHEREAS, BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP, INC., a Corporation organized under the laws of the state of Delaware, U.S.A., and having a principal office at 24703 Euclid Avenue, Euclid, Ohio 44117, 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 in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, we, Christopher D. Dodd, Paul K. DeSantis, Kevin J. Stambaugh, Allan R. Mackovjak, John P. McLaughlin, and Brett T. Goodyear have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP, INC., 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 BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP, INC., for its own use and behoof, and the use and behoof of its

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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 BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP, INC., its successors and assigns, that at the time of the execution and delivery of these presents, we are joint lawful owners of the entire right, title, and interest in and to the above-mentioned improvement, invention, application, and 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 NUCLEAR OPERATIONS 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 NUCLEAR OPERATIONS 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 NUCLEAR OPERATIONS 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 NUCLEAR OPERATIONS 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

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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 NUCLEAR OPERATIONS GROUP, INC., its successors, assigns, or nominees, without charge to said BABCOCK & WILCOX NUCLEAR OPERATIONS 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.

*Christopher D. Dodd*  
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 Christopher D. Dodd

*Paul K. DeSantis*  
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 Paul K. DeSantis

*Kevin J. Stambaugh*  
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 Kevin J. Stambaugh

*Allan R. Mackovjak*  
 \_\_\_\_\_  
 Allan R. Mackovjak

*John P. McLaughlin*  
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 John P. McLaughlin

*Brett T. Goodyear*  
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 Brett T. Goodyear

WITNESSES:  
*Bernard J. Wenz, Jr.*  
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STATE OF Ohio )  
 COUNTY OF Summit ) ss.

On this, the 6<sup>th</sup> day of February, 2014, before me personally appeared Christopher D. Dodd, Paul K. DeSantis, Kevin J. Stambaugh, Allan R. Mackovjak, John P. McLaughlin, and Brett T. Goodyear, 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.



MICHAEL J. SEYMOUR  
 NOTARY PUBLIC - OHIO  
 MY COMMISSION HAS NO EXPIRATION DATE  
 UNDER SECTION 147.05 R.C.

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