503409629 07/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3456263

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
			Name		Execution Date	
MICHAEL D. MCANINCH					07/23/2015	
RECEIVING PARTY D						
Name:		BWXT NUCLEAR OPERATIONS GROUP, INC.				
Street Address:		1570 MT. ATHOS ROAD				
City:	LYNC	LYNCHBURG				
State/Country:	VIRGI	VIRGINIA				
Postal Code:	24504	24504				
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PROPERTY NUMBERS	S Total: 1					
Property Type			Number			
Application Number: 1		1459	4595593			
	be sent to provide	d; if tl CERI BWX 1152 SUIT CHAI	e-mail address first; if that is unsuccessful, it will be s EDFERN@BWXT.COM TECHNOLOGIES, INC. 5 N. COMMUNITY HOUSE ROA E 600 RLOTTE, NORTH CAROLINA 2	ent via (
		GORAN P. STOJKOVICH				
SIGNATURE:		/Goran P. Stojkovich/				
DATE SIGNED:		07/27/2015				
Total Attachments: 3						

ASSIGNMENT TO BWXT NUCLEAR OPERATIONS GROUP, INC.

CASE 7478C

THIS ASSIGNMENT made the $33^{n_{e}}$ day of $34^{n_{e}}$ 205, by Michael D. McAninch residing at 217 Longhill Road, Goode, Virginia 24556, a citizen of the United States of America;

WITNESSETH: That

WHEREAS, I, along with Jeffrey J. Root, residing at 2453 Zollinger Road, Columbus, Ohio 43221, a citizen of the United States of America; are joint inventors of a certain new and useful improvement and invention in

BEAM IMAGING SENSOR AND METHOD FOR USING SAME

for which we have prepared and filed a United States Patent Application on January 13, 2015, having U.S. Application Serial No. 14/595,593, which is a continuation-in-part application of and claims priority to United States Patent Application filed on March 14, 2013 and titled "Beam Imaging Sensor", having U.S. Application Serial No. 13/826,907, which itself is a non-provisional of and claims priority to United States Provisional Patent Application filed on May 14, 2012 and titled "Beam Imaging Sensor," having U.S. Application Serial No. 61,646,627, and

WHEREAS, BWXT NUCLEAR OPERATIONS GROUP, INC., a Corporation organized under the laws of the state of Delaware, U.S.A., and having its principal office at 1570 Mt. Athos Road, Lynchburg, VA 24504, 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), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, Michael D. McAninch have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said BWXT 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 BWXT NUCLEAR OPERATIONS GROUP, INC., 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

Page 1 of 3

ASSIGNMENT TO BWXT NUCLEAR OPERATIONS GROUP, INC.

CASE 7478C

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, I hereby covenant and agree with said BWXT NUCLEAR OPERATIONS GROUP, INC., its successors and assigns, that at the time of the execution and delivery of these presents. I are the joint and 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 I have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, I hereby covenant and agree with said BWXT NUCLEAR OPERATIONS GROUP, INC., its successors and assigns, that I 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 BWXT NUCLEAR OPERATIONS GROUP, INC., or its successors or assigns, but at its or their expense.

I 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, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said BWXT 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, 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 I hereby authorize and empower said BWXT NUCLEAR OPERATIONS GROUP, INC., its successors,

Page 2 of 3

ASSIGNMENT TO BWXT NUCLEAR OPERATIONS GROUP, INC.

CASE 7478C

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 I 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 BWXT NUCLEAR OPERATIONS GROUP, INC., its successors, assigns, or nominees, without charge to said BWXT NUCLEAR OPERATIONS GROUP, INC., its or their expense.

IN WITNESS WHEREOF, I have hereunto set our hands and seal on the day

ear first above written Michael D. McAninch

WITNESSES STATE OF SS. CITY OF

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On this, the 23^{n} day of 32^{n} day of 32^{n} , 20^{15} , before me personally appeared Michael D. McAninch, me known and known to me to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated.

SEAL

Junko alliso

Page 3 of 3

PATENT REEL: 036185 FRAME: 0468

RECORDED: 07/27/2015