

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3513418

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDISON WELDING INSTITUTE, INC.	09/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BWXT NUCLEAR OPERATIONS GROUP, INC.
<b>Street Address:</b>	2016 MT. ATHOS ROAD
<b>City:</b>	LYNCHBURG
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	24504
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14595593
<b>Application Number:</b>	13826907
<b>Application Number:</b>	61646627
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	CEREDFERN@BWXT.COM
<b>Correspondent Name:</b>	BWX TECHNOLOGIES, INC.
<b>Address Line 1:</b>	11525 N. COMMUNITY HOUSE ROAD
<b>Address Line 2:</b>	SUITE 600
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28277
<b>ATTORNEY DOCKET NUMBER:</b>	7478
<b>NAME OF SUBMITTER:</b>	GORAN P. STOJKOVICH
<b>SIGNATURE:</b>	/Goran P. Stojkovich/
<b>DATE SIGNED:</b>	09/04/2015
<b>Total Attachments: 4</b>	
source=7478C_EWI Assign to BWXT#page1.tif	
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**ASSIGNMENT TO BWXT NUCLEAR OPERATIONS GROUP, INC. FROM  
EDISON WELDING INSTITUTE, INC.**

This Assignment is dated as of the 3rd day of September, 2015.

WHEREAS, EDISON WELDING INSTITUTE, INC. (the "Assignor"), a corporation organized and existing under the laws of the State of Ohio, is an owner, by assignment or otherwise, of the Letters Patents, the applications for Letters Patents, or other form of protection, and the improvements and inventions covered thereby, as set forth in U.S. Patent Application, prepared and filed on January 13, 2015, having U.S. Application Serial No. 14/595,593, entitled **BEAM IMAGING SENSOR AND METHOD FOR USING SAME**, and

WHEREAS, BWXT NUCLEAR OPERATIONS GROUP, INC. (the "Assignee"), a corporation organized and existing under the laws of the State of Delaware, desires to acquire all of the Assignor's right, title and interest in, to and under these Letters Patents, applications for Letters Patents, or other form of protection, and the improvements and inventions covered thereby;

NOW, THEREFORE, be it known that, for valuable consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, assigns, transfers and conveys unto the Assignee, its successors and assigns or their legal representatives, all of the Assignor's rights owned by Assignor to said improvements and inventions, the applications for Letters Patents, and all Letters Patents or form of protection therefor as set forth in United States Patent Application filed on January 13, 2015 and titled "**BEAM IMAGING SENSOR AND METHOD FOR USING SAME**", 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 wherever occurring throughout the world, and in and to any reissue, continuation, or division of said Letters Patents and applications therefor, the same to be held and enjoyed by the Assignee, for its own use and benefit, and for the use and benefit of its successors and assigns or their legal representatives, to the end of the term or terms of which said Letters Patents or other form of protection are granted or reissued, as fully and entirely as the same would have been held and enjoyed by the Assignor if this Assignment and sale had not been made; together with all rights of Assignors, interests, claims, demands, and damages, recoverable in law or in equity arising from said Letters Patents, or other form of protection, including, without limitation, the right to compromise, sue for and collect said profits and damages for their own use and benefit, and for the use and benefit of their successors, assigns or other legal representatives, by reason of past infringement anywhere in the world of said Letters Patents or other form of protection.

Assignor hereby authorizes and requests the Director of Patents of the United States, and any other official of any other country whose duty it is to issue patents or similar legal form protection on said applications, to issue patents or similar legal protection for said inventions to Assignee, the same to held by Assignee for its own use and benefit, to the full end of the term for which said patents or similar legal protection are or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

**ASSIGNMENT TO BWXT NUCLEAR OPERATIONS GROUP, INC. FROM EDISON WELDING  
INSTITUTE, INC.**

Assignor hereby covenants and warrants that as of the date hereof it is the true and lawful owner of the entire, right, title and interest in U.S. Patent Application Serial No. 14/595,593 and the improvements and inventions therein disclosed, that it has the full right and power to convey same, that the same is free and clear of all liens, charges and encumbrances whatsoever, and that it has not executed and will not execute any agreement in conflict herewith.

The Assignor agrees to execute all papers and to perform such other proper acts as said Assignee may reasonably deem necessary to secure to said Assignee or to its designee the rights herein assigned.

IN WITNESS WHEREOF, EDISON WELDING INSTITUTE, INC. has caused this instrument to be signed by its duly authorized representative, and attested this 3rd day of September 2015.

**EDISON WELDING INSTITUTE, INC.**

By: \_\_\_\_\_

NAME

James P. Tighe

TITLE

CFO

WITNESS:

Michelle R. Lavery  
Name: Michelle R. Lavery

AND IN WITNESS WHEREOF, BWXT NUCLEAR OPERATIONS GROUP, INC. hereby accepts this ASSIGNMENT by its duly authorized representative, and attested this 4th day of September, 2015.

**BWXT NUCLEAR OPERATIONS GROUP, INC.**

By: \_\_\_\_\_

NAME

Jason S. Kerr

TITLE

CAO

WITNESS:

Camille E. Redfern  
Name: Camille E. Redfern

ACKNOWLEDGMENT

STATE OF Ohio  
COUNTY OF Franklin

BEFORE ME, the undersigned Notary Public in and for the aforesaid State and County this day personally appeared

James P. Tighe  
Chief Financial Officer (title) of EDISON WELDING INSTITUTE, INC., to me personally known to be the identical person whose name is subscribed to the foregoing Assignment of Patents, and acknowledged to me in the presence of the below-mentioned competent witnesses, that he executed the same on the date hereof and that it was executed for the uses, purposes and considerations therein expressed with full authority of ASSIGNOR, and that he executed said instrument as the free act and deed of ASSIGNOR.

THUS DONE AND PASSED in the State and County aforesaid on this 3<sup>rd</sup> day of September 2015, after due reading of the whole.

By:

Michael R. Lantry  
Name  
Notary Public

**MICHAEL R. LANTY**  
Notary Public, State of Ohio  
My Commission Expires 02-23-2017

WITNESSES:

[Signature]  
Printed name Morgan Litch

[Signature]  
Printed name Kelly Shaw

**ACKNOWLEDGMENT**

STATE OF North Carolina

COUNTY OF Mecklenburg

BEFORE ME, the undersigned Notary Public in and for the aforesaid State and County this  
day personally appeared

Jason S. Kew

Chief Accounting Officer (title) of **BWXT NUCLEAR OPERATIONS GROUP, INC.**, to me  
personally known to be the identical person whose name is subscribed to the foregoing Assignment of  
Patents, and acknowledged to me in the presence of the below-mentioned competent witnesses, that  
he executed the same on the date hereof and that it was executed for the uses, purposes and  
considerations therein expressed with full authority of ASSIGNEE, and that he executed said  
instrument as the free act and deed of ASSIGNEE

THUS DONE AND PASSED in the State and County aforesaid on this 4th day of  
September 2015, after due reading of the whole.

By:

Camille E. Redfern  
NAME  
Notary Public

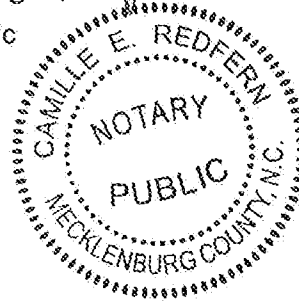
**WITNESSES:**

Printed name Goran Stojkovich

Goran Stojkovich

Printed name Laura Ramirez

Laura Ramirez



my commission expires April 24, 2019