

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3441341

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
BWXT NUCLEAR ENERGY, INC.		06/30/2015
RECEIVING PARTY DATA		
Name:	BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT	
Street Address:	555 CALIFORNIA STREET, 4TH FLOOR	
Internal Address:	MAIL CODE: CA5-705-04-09	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94104	
PROPERTY NUMBERS Total: 34		
Property Type	Number	
Patent Number:	8681928	
Patent Number:	8638898	
Patent Number:	8526563	
Patent Number:	8867690	
Patent Number:	8746089	
Patent Number:	D695677	
Patent Number:	D691084	
Patent Number:	D691085	
Application Number:	13293899	
Application Number:	14207140	
Application Number:	12891317	
Application Number:	12911572	
Application Number:	12909252	
Application Number:	13213389	
Application Number:	13316826	
Application Number:	13161078	
Application Number:	13085527	
Application Number:	13109120	
Application Number:	13366909	

PATENT

Property Type	Number
Application Number:	13192735
Application Number:	13282217
Application Number:	13351940
Application Number:	13405405
Application Number:	13364769
Application Number:	13447655
Application Number:	13325603
Application Number:	13963630
Application Number:	14665341
Application Number:	14665291
Application Number:	14673087
Application Number:	12899739
Application Number:	61858106
Application Number:	14339826
Application Number:	62027511

CORRESPONDENCE DATA

Fax Number: (704)373-8822

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ATTORNEY DOCKET NUMBER:	2068279-2003
NAME OF SUBMITTER:	BETTY G. SMITH
SIGNATURE:	/Betty G. Smith/
DATE SIGNED:	07/16/2015

Total Attachments: 7

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**NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS**

DATED: June 30, 2015

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Pledge and Security Agreement dated as of June 30, 2015 (as amended, restated, supplemented or otherwise modified from time to time, the "Agreement") among the Grantor (as defined below), the other grantors party thereto and the Administrative Agent for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon the patents and patent applications on Schedule 1 to the Administrative Agent for the ratable benefit of the Secured Parties.


The Grantors and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in such patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

GRANTOR:

BWXT NUCLEAR ENERGY, INC.

BWXT Nuclear Energy, Inc.
11525 N. Community House Road, Suite 600
Charlotte, NC 28277

By: 
Name: David S. Black
Title: Treasurer

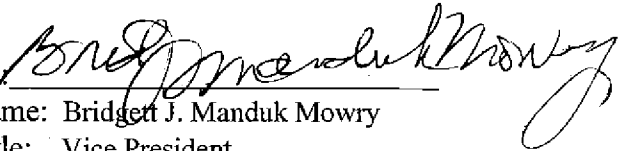
Jurisdiction of Organization: Delaware

ADMINISTRATIVE AGENT:

Bank of America, N.A.
Agency Management
555 California Street, 4th Floor
Mail Code: CA5-705-04-09
San Francisco, CA 94104

Acknowledged and accepted:

BANK OF AMERICA, N.A.

By: 
Name: Bridgett J. Manduk Mowry
Title: Vice President

SCHEDULE 1

PATENTS

TITLE	FILING DATE	APP NO	ISSUE DATE	PATENT NO	OWNER
PRESSURIZER BAFFLE PLATE AND PRESSURIZED WATER REACTOR (PWR) EMPLOYING SAME	16-May-2011	13/108734	25-Mar-2014	8681928	BWXT Canada Ltd. BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH UPPER PLENUM INCLUDING CROSS-FLOW BLOCKING WEIR	10-Nov-2011	13/293899			BWXT Canada Ltd. BWXT Nuclear Energy, Inc.
NON DESTRUCTIVE MAPPING OF SURFACE CONDITION TO EVALUATE WEAR CONDITIONS	12-Mar-2014	14/207140			BWXT Canada Ltd. BWXT Nuclear Energy, Inc.
COMPACT NUCLEAR REACTOR WITH INTEGRAL STEAM GENERATOR	27-Sep-2010	12/891317			BWXT Canada Ltd. BWXT Nuclear Energy, Inc. BWXT Foreign Holdings, LLC
EMERGENCY CORE COOLING SYSTEMS FOR PRESSURIZED WATER REACTOR	23-Mar-2011	13/069657	28-Jan-2014	8638898	BWXT Nuclear Energy, Inc.
COMPACT NUCLEAR REACTOR	25-Oct-2010	12/911572			BWXT Nuclear Energy, Inc.
TERMINAL ELEMENTS FOR COUPLING CONNECTING RODS AND CONTROL RODS IN CONTROL ROD ASSEMBLIES FOR A NUCLEAR REACTOR	24-Aug-2010	12/862124	03-Sep-2013	8526563	BWXT Nuclear Energy, Inc.
SUPPORT STRUCTURE FOR A CONTROL ROD ASSEMBLY OF A NUCLEAR REACTOR	21-Oct-2010	12/909252			BWXT Nuclear Energy, Inc.

TITLE	FILING DATE	APP NO	ISSUE DATE	PATENT NO	OWNER
NUCLEAR REACTOR REFUELING METHODS AND APPARATUSES	19-Aug-2011	13/213389			BWXT Nuclear Energy, Inc.
CONTROL ROD WITH OUTER HAFNIUM SKIN	12-Dec-2011	13/316826			BWXT Nuclear Energy, Inc.
INTEGRATED EMERGENCY CORE COOLING CONDENSER FOR PRESSURIZED WATER REACTOR	15-Jun-2011	13/161078			BWXT Nuclear Energy, Inc.
COMPACT INTEGRAL PRESSURIZED WATER NUCLEAR REACTOR	13-Apr-2011	13/085527			BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH UPPER VESSEL SECTION PROVIDING BOTH PRESSURE AND FLOW CONTROL	17-May-2011	13/109120			BWXT Nuclear Energy, Inc.
PLANT LAYOUT	06-Feb-2012	13/366909			BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH REACTOR COOLANT PUMPS OPERATING IN THE DOWNCOMER ANNULUS	28-Jul-2011	13/192735			BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH COMPACT PASSIVE SAFETY SYSTEMS	25-Aug-2011	13/217941	21-Oct-2014	8867690	BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH UPPER VESSEL SECTION PROVIDING BOTH PRESSURE AND FLOW CONTROL	26-Oct-2011	13/282217			BWXT Nuclear Energy, Inc.
INTEGRAL PRESSURIZED WATER REACTOR WITH EXTERNAL STEAM DRUM	17-Jan-2012	13/351940			BWXT Nuclear Energy, Inc.
CONTROL ROD DRIVE MECHANISM (CRDM) MOUNTING SYSTEM FOR PRESSURIZED WATER	27-Feb-2012	13/405405			BWXT Nuclear Energy, Inc.

TITLE	FILING DATE	APP NO	ISSUE DATE	PATENT NO	OWNER
REACTORS					
SPACER GRID	02-Feb-2012	13/364769			BWXT Nuclear Energy, Inc.
LOWER END FITTING LOCKNUT FOR NUCLEAR FUEL ASSEMBLY	16-Apr-2012	13/447655			BWXT Nuclear Energy, Inc.
EMERGENCY CORE COOLING SYSTEM (ECCS) FOR NUCLEAR REACTOR EMPLOYING CLOSED HEAT TRANSFER PATHWAYS	14-Dec-2011	13/325603			BWXT Nuclear Energy, Inc.
APPARATUS FOR AUTOMATED POSITIONING OF EDDY CURRENT TEST PROBE	14-Jan-2010	12/687261	10-Jun-2014	8746089	BWXT Nuclear Energy, Inc.
APPARATUS FOR AUTOMATED POSITIONING OF EDDY CURRENT TEST PROBE	09-Aug-2013	13/963630			BWXT Nuclear Energy, Inc.
COMPACT NUCLEAR REACTOR	23-Mar-2015	14/665,341			BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH UPPER VESSEL SECTION PROVIDING BOTH PRESSURE AND FLOW CONTROL	23-Mar-2015	14/665,291			BWXT Nuclear Energy, Inc.
REACTOR VESSEL	07-Mar-2011	29/386966	17-Dec-2013	D695677	BWXT Nuclear Energy, Inc.
REACTOR VESSEL	15-Apr-2011	29/389704	08-Oct-2013	D691084	BWXT Nuclear Energy, Inc.
PRESSURIZED WATER REACTOR WITH UPPER VESSEL SECTION PROVIDING BOTH PRESSURE AND FLOW CONTROL	30-Mar-2015	14/673,087			BWXT Nuclear Energy, Inc.
REACTOR VESSEL	21-Sep-2011	29/402102	08-Oct-2013	D691085	BWXT Nuclear Energy, Inc.
CONTROL ROD/CONTROL ROD DRIVE MECHANISM COUPLINGS	07-Oct-2010	12/899739			BWXT Nuclear Energy, Inc.

TITLE	FILING DATE	APP NO	ISSUE DATE	PATENT NO	OWNER
					BWXT Nuclear Operations Group, Inc.
MULTI-ANGLE SLUDGE LANCE	24-Jul-2013	61/858106			BWXT Nuclear Energy, Inc. BWXT Intech, Inc.
MULTI-ANGLE SLUDGE LANCE	24-Jul-2014	14/339826			BWXT Intech, Inc. BWXT Nuclear Energy, Inc.
MULTI-ANGLE SLUDGE LANCE	22-Jul-2014	62/027511			BWXT Intech, Inc. BWXT Nuclear Energy, Inc.