504022378 09/26/2016

EPAS ID: PAT4069037

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| JEFFREY T. DEDERER | 02/04/2013 |
| WILLIAM L. BROWN | 02/05/2013 |
| FRANK VEREB | 02/04/2013 |

RECEIVING PARTY DATA

| Name: | WESTINGHOUSE ELECTRIC COMPANY LLC |
|-------------------|-----------------------------------|
| Street Address: | 1000 WESTINGHOUSE DRIVE |
| Internal Address: | SUITE 141 |
| City: | CRANBERRY TOWNSHIP |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 16066 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15274761 |

CORRESPONDENCE DATA

Fax Number: (724)940-8508

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: 4123746882

Email: guerral@westinghouse.com

WESTINGHOUSE ELECTRIC COMPANY LLC **Correspondent Name:**

Address Line 1: 1000 WESTINGHOUSE DRIVE

Address Line 2: **SUITE 141**

Address Line 4: CRANBERRY TOWNSHIP, PENNSYLVANIA 16066

| ATTORNEY DOCKET NUMBER: | RTU 2012-006 DIV |
|-------------------------|------------------|
| NAME OF SUBMITTER: | CAROL A. MARMO |
| SIGNATURE: | /CAROL A. MARMO/ |
| DATE SIGNED: | 09/26/2016 |

Total Attachments: 2

source=RTU2012-006DIVASSIGNMENT#page1.tif source=RTU2012-006DIVASSIGNMENT#page2.tif

> **PATENT REEL: 039858 FRAME: 0659** 504022378

ASSIGNMENT

In accordance with existing Employee Intellectual Property Agreement(s) and/or other undertakings, entered into for good and valuable consideration, receipt of which is hereby acknowledged, we, JEFFREY T. DEDERER, residing at 132 Deerspring Lane, Valencia, PA 16059, a citizen of the United States; WILLIAM L. BROWN, residing at 121 Mayer Drive, Pittsburgh, PA 15237, a citizen of the United States; and FRANK VEREB, residing at 26 Frances Drive, Coraopolis, PA 15108, a citizen of the United States, do hereby sell and assign to WESTINGHOUSE ELECTRIC COMPANY LLC, a limited liability Company organized and existing under the laws of the State of Delaware, U.S.A., having its principal place of business at 1000 Westinghouse Drive, Suite 141, Cranberry Township, PA 16066, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention in Docket RTU 2012-006 TRADL, ALTERNATE PASSIVE SPENT FUEL POOL COOLING SYSTEMS AND METHODS, invented by us, describing such invention and the application for United States patent therefore, executed by us on the same date hereof; all original and reissued patents granted therefore, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations in countries foreign to the United States, and in and to any Letters Patent or Utility Model Registration which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent or Utility Model Registration to the said WESTINGHOUSE ELECTRIC COMPANY LLC, its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Corporation, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said WESTINGHOUSE ELECTRIC COMPANY LLC, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Corporation, its successors, assigns, nominees or other legal representatives, either in its or their own name, to apply for, obtain and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said WESTINGHOUSE ELECTRIC COMPANY LLC, its successors, assigns, nominees or other legal representatives.

RTU 2012-006 TRADL

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4th day of february, 2013.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 5%

day of HARVARY . 2013. Whereof, I have hereunto set my hand and seal this 4

2