

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HO Q. LAM</td> <td>02/08/2013</td> </tr> <tr> <td>VEFA N. KUCUKBOYACI</td> <td>02/07/2013</td> </tr> <tr> <td>YUNG-AN CHAO</td> <td>02/21/2013</td> </tr> <tr> <td>ROBERT W. FLAMMANG</td> <td>02/08/2013</td> </tr> <tr> <td>WILLIAM H. SLAGLE</td> <td>03/18/2013</td> </tr> <tr> <td>PATRICK J. SEBASTIANI</td> <td>02/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	HO Q. LAM	02/08/2013	VEFA N. KUCUKBOYACI	02/07/2013	YUNG-AN CHAO	02/21/2013	ROBERT W. FLAMMANG	02/08/2013	WILLIAM H. SLAGLE	03/18/2013	PATRICK J. SEBASTIANI	02/07/2013
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PATRICK J. SEBASTIANI	02/07/2013														
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															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13908153</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13908153										
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Application Number:	13908153														
CORRESPONDENCE DATA															
Fax Number:	7249408508														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	412-374-6107														
Email:	leshnop@westinghouse.com														
Correspondent Name:	Westinghouse Electric Company LLC														
Address Line 1:	1000 Westinghouse Drive														
Address Line 2:	Suite 141														
Address Line 4:	Cranberry Township, PENNSYLVANIA 16066														
ATTORNEY DOCKET NUMBER:	ARF2011-020														

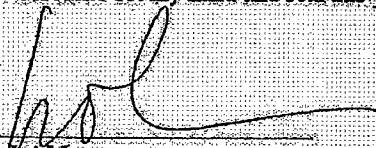
OP \$40.00 13908153

NAME OF SUBMITTER:	Carol A. Marmo
Signature:	/Carol A. Marmo/
Date:	06/03/2013
Total Attachments: 2 source=ARF2011-020ASSIGN#page1.tif source=ARF2011-020ASSIGN#page2.tif	

## *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, **HO Q. LAM**, a citizen of the United States, residing at **640 Idaho Avenue, Verona, PA 15147**; **VEFA N. KUCUKBOYACI**, a citizen of Turkey, residing at **136 N. Woodland Road, Pittsburgh, PA 15232**; **YUNG-AN CHAO**, a citizen of the United States, residing at **Apt. 101, Building 2, 788, Hong Xu Road, Shanghai, China**; **ROBERT W. FLAMMANG**, a citizen of the United States, residing at **121 Sunset Drive, Pittsburgh, PA 15235**; **WILLIAM H. SLAGLE**, a citizen of the United States, residing at **4910A Meridian Way, Apt. 02, Frederick, MD 21703**; and **PATRICK J. SEBASTIANI**, a citizen of the United States, residing at **411 Woodhaven Drive, Monroeville, PA 15146**, 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 Attorney Docket No. **ARF2011-020, SYSTEMS AND METHODS FOR SPENT FUEL POOL SUBCRITICALITY MEASUREMENT AND MONITORING**, invented by us describing such invention and the application for United States patent therefor, executed by us on the same date hereof; all original and reissued patents granted therefor, 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 we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith, and agree that we 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, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and we further covenant and agree that we 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8<sup>th</sup>  
day of February, 2013.

  
HO Q. LAM

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
day of February 7<sup>th</sup>, 2013.

  
VEFA N. KUCUKBOYACI

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
day of Feb 21, 2013.

  
YUNG-AN CHAO

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
day of 8 Feb, 2013.

  
ROBERT W. FLAMMANG

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18<sup>th</sup>  
day of March, 2013.

  
WILLIAM H. SLAGLE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
day of 7-FEB, 2013.

  
PATRICK J. SEBASTIANI