

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4000126

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| PENG XU | 08/13/2013 |
| EDWARD J. LAHODA | 08/13/2013 |
| LARS HALLSTADIUS | 08/14/2013 |
| JOON HYUNG CHOI | 08/13/2013 |
| RECEIVING PARTY DATA | |
| Name: | WESTINGHOUSE ELECTRIC COMPANY LLC |
| Street Address: | 1000 WESTINGHOUSE DRIVE, SUITE 141 |
| City: | CRANBERRY TOWNSHIP |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 16066 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15225127 |
| CORRESPONDENCE DATA | |
| Fax Number: | (724)940-8508 |
| <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> | |
| Phone: | 412-374-6882 |
| Email: | guerral@westinghouse.com |
| Correspondent Name: | WESTINGHOUSE ELECTRIC COMPANY LLC |
| Address Line 1: | 1000 WESTINGHOUSE DRIVE, SUITE 141 |
| Address Line 4: | CRANBERRY TOWNSHIP, PENNSYLVANIA 16066 |
| ATTORNEY DOCKET NUMBER: | ARF 2013-012 DIV |
| NAME OF SUBMITTER: | DANIEL C. ABELES |
| SIGNATURE: | /Daniel C. Abeles/ |
| DATE SIGNED: | 08/10/2016 |
| Total Attachments: 3 | |
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| source=ARF2013-012DIVWESTINGHOUSEASSIGNMENT#page2.tif | |
| source=ARF2013-012DIVWESTINGHOUSEASSIGNMENT#page3.tif | |

ASSIGNMENT

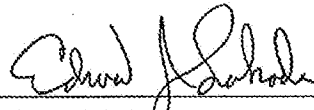
In accordance with existing Employee Intellectual Property Agreement(s) and/or other undertakings, entered into for good and valuable consideration, receipt of which is hereby acknowledged, we, **PENG XU**, a citizen of China, residing at **12 Trentridge Ct., Columbia, SC 29229**; **EDWARD J. LAHODA**, a citizen of the United States of America, residing at **116 Washington Street, Edgewood, PA 15218**; **LARS HALLSTADIUS**, a citizen of Sweden, residing at **Fasanvagen 15, 72592 Vasteras, Sweden**; and **JOON HYUNG CHOI**, a citizen of South Korea, residing at **113 Plymouth Pass Drive, Lexington, SC 29072**, do hereby sell and assign jointly to **KABUSHIKI KAISHA TOSHIBA**, also known as **TOSHIBA CORPORATION**, a corporation organized and existing under the laws of Japan, with offices at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan ("TOSHIBA") and **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. ("WESTINGHOUSE"), their successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention in Docket ARF 2013-012, **A SIC MATRIX FUEL CLADDING TUBE WITH SPARK PLASMA SINTERED END PLUGS**, coinvented 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 TOSHIBA and WESTINGHOUSE, their successors, assigns, nominees or other legal representatives, as joint assignee of the entire interest, and covenant that together with our coinventors we have the full right to convey the entire interest herein assigned and that other than an assignment to WESTINGHOUSE, which is superseded by this Agreement, 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 TOSHIBA and WESTINGHOUSE, their 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 Corporations, their 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 TOSHIBA and WESTINGHOUSE, their successors, assigns, nominees or other legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____
day of August 13, 2013.



Peng Xu

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 13th
day of August, 2013.



Edward J. Lahoda

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 14th
day of August, 2013.



Lars Hallstadius

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

Joon Hyung Choi

IN WITNESS WHEREOF, Westinghouse Electric Company LLC has caused this
Assignment to be signed by its duly authorized representative this 22nd day of
August, 2013.



Michael T. Sweeney
Senior Vice President and General Counsel

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

Peng Xu

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

Edward J. Lahoda

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

Lars Hallstadius

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 13
day of August, 2013.

JH. Choi
Joon Hyung Choi

IN WITNESS WHEREOF, Westinghouse Electric Company LLC has caused this
Assignment to be signed by its duly authorized representative this 22nd day of
August, 2013.

Michael T. Sweeney
Michael T. Sweeney
Senior Vice President and General Counsel