

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>Mark A. WILLIAMSON</td> <td>12/21/2011</td> </tr> <tr> <td>Stanley G. WIEDMEYER</td> <td>12/21/2011</td> </tr> <tr> <td>Eugene R. KOEHL</td> <td>12/21/2011</td> </tr> <tr> <td>James L. BAILEY</td> <td>12/21/2011</td> </tr> <tr> <td>James L. WILLIT</td> <td>12/21/2011</td> </tr> <tr> <td>Laurel A. BARNES</td> <td>12/28/2011</td> </tr> <tr> <td>Robert J. BLASKOVITZ</td> <td>12/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Mark A. WILLIAMSON	12/21/2011	Stanley G. WIEDMEYER	12/21/2011	Eugene R. KOEHL	12/21/2011	James L. BAILEY	12/21/2011	James L. WILLIT	12/21/2011	Laurel A. BARNES	12/28/2011	Robert J. BLASKOVITZ	12/21/2011
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RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>GE-Hitachi Nuclear Energy Americas LLC</td> </tr> <tr> <td>Street Address:</td> <td>3901 Castle Hayne Road</td> </tr> <tr> <td>City:</td> <td>Wilmington</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28401</td> </tr> </table>		Name:	GE-Hitachi Nuclear Energy Americas LLC	Street Address:	3901 Castle Hayne Road	City:	Wilmington	State/Country:	NORTH CAROLINA	Postal Code:	28401						
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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>13335121</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13335121												
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Application Number:	13335121																
CORRESPONDENCE DATA																	
Fax Number:	(703)668-8200																
Email:	dcmailroom@hdp.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Harness, Dickey & Pierce, P.L.C.																
Address Line 1:	P.O. Box 8910																
Address Line 4:	Reston, VIRGINIA 20195																
ATTORNEY DOCKET NUMBER:	24AR252783 (8564-000254)																

CH \$40.00 13335121

NAME OF SUBMITTER:

Alex C. Chang

Total Attachments: 11

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RECORDATION FORM COVER SHEET

**To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.**

1. Name of conveying party(ies): Mark A. WILLIAMSON Stanley G. WIEDMEYER Eugene R. KOEHL James L. BAILEY James L. WILLIT Laurel A. BARNES Robert J. BLASKOVITZ Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	2. Name and address of receiving party(ies) Name: GE-Hitachi Nuclear Energy Americas LLC Street Address: 3901 Castle Hayne Road City: Wilmington, NC Country: USA Postal Code: 28401 Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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3. Nature of conveyance:
 Assignment Merger Security Agreement
 Change of Name Other:
Execution Date: December 21, 2011 and December 28, 2011

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

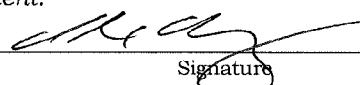
A. Patent Application No(s). 13/335,121	B. Patent No.(s).
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Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNES, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA	6. Total No. of applications/patents involved: One (1)
	7. Total fee (37 C.F.R. § 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached.
	8. Deposit account number: <u>08-0750</u>

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<u>Alex C. Chang/52,716</u> Name of Person Signing/Reg. No.	 Signature	<u>April 24, 2012</u> Date
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ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we, **Mark A. Williamson** of Naperville, IL, **Stanley G. Wiedmeyer** of Glen Ellyn, IL, **Eugene R. Koehl** of Joliet, IL, **James L. Bailey** of Hinsdale, IL, **James L. Willit** of Batavia, IL, **Laurel A. Barnes** of Chicago, IL, and **Robert J. Blaskovitz** of Lockport, IL, hereby sell and assign to **GE-Hitachi Nuclear Energy Americas LLC**, 3901 Castle Hayne Road, Wilmington, NC 28401 (hereinafter referred to as "Company"), its successors and assigns the entire right, title and interest in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled **CATHODE POWER DISTRIBUTION SYSTEM AND METHOD OF USING THE SAME FOR POWER DISTRIBUTION**.

signed as of even date,

signed as of [date], or

filed on _____ having Serial Number _____

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

First Inventor: **Mark A. Williamson**

Mark A. Williamson Date: 12/21/11

State of IL

County of Will

This 21 day of December, 2011, before me personally came the above named Mark A. Williamson, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal Maria R Blasier
(Notary Public)

My commission expires: 10/28/14



Second Inventor: **Stanley G. Wiedmeyer**

Stanley G. Wiedmeyer Date: 12/21/11

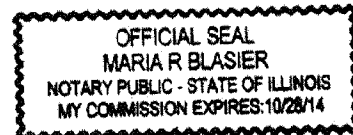
State of IL

County of Will

This 21 day of December, 2011, before me personally came the above named Stanley G. Wiedmeyer, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal Maria R Blasier
(Notary Public)

My commission expires: 10/28/14



Third Inventor: **Eugene R. Koehl**

Eugene R Koehl Date: 12/21/11

State of IL

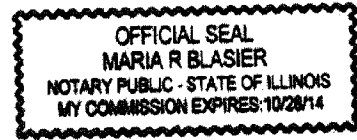
County of Will

This 21 day of December, 2011, before me personally came the above named Eugene R. Koehl, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Maria R Blasier
(Notary Public)

My commission expires: 10/28/14



Fourth Inventor: **James L. Bailey**

James L. Bailey Date: 12/21/11

State of IL

County of Will

This 21 day of December, 2011, before me personally came the above named James L. Bailey, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Maria R Blasier
(Notary Public)

My commission expires: 10/28/14



Fifth Inventor: **James L. Willit**

James L. Willit Date: 12/21/11
State of IL
County of Will

This 21 day of December, 2011, before me personally came the above named James L. Willit, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Maria R. Blasier
(Notary Public)



My commission expires: 10/28/14

Sixth Inventor: **Laurel A. Barnes**

_____ Date: _____

State of _____

County of _____

This _____ day of _____, 20____, before me personally came the above named Laurel A. Barnes, known as the individual who executed the foregoing assignment, who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____

Seventh Inventor: **Robert J. Blaskovitz**

Robert J. Blaskovitz Date: 12/21/2011
State of IL

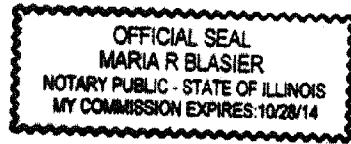
County of Will

This 21 day of December, 2011, before me personally came the above named Robert J. Blaskovitz, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Maria R Blasier
(Notary Public)

My commission expires: 10/28/14



ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we, **Mark A. Williamson** of Naperville, IL, **Stanley G. Wiedmeyer** of Glen Ellyn, IL, **Eugene R. Koehl** of Joliet, IL, **James L. Bailey** of Hinsdale, IL, **James L. Willit** of Batavia, IL, **Laurel A. Barnes** of Chicago, IL, and **Robert J. Blaskovitz** of Lockport, IL, hereby sell and assign to **GE-Hitachi Nuclear Energy Americas LLC**, 3901 Castle Hayne Road, Wilmington, NC 28401 (hereinafter referred to as "Company"), its successors and assigns the entire right, title and interest in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled **CATHODE POWER DISTRIBUTION SYSTEM AND METHOD OF USING THE SAME FOR POWER DISTRIBUTION**.

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and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

First Inventor: **Mark A. Williamson**

_____ Date: _____

State of _____

County of _____

This ____ day of _____, 20____, before me personally came the above named Mark A. Williamson, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____

Second Inventor: **Stanley G. Wiedmeyer**

_____ Date: _____

State of _____

County of _____

This ____ day of _____, 20____, before me personally came the above named Stanley G. Wiedmeyer, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____

Third Inventor: **Eugene R. Koehl**

_____ Date: _____

State of _____

County of _____

This ____ day of _____, 20____, before me personally came the above named Eugene R. Koehl, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____

Fourth Inventor: **James L. Bailey**

_____ Date: _____

State of _____

County of _____

This ____ day of _____, 20____, before me personally came the above named James L. Bailey, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____

Fifth Inventor: **James L. Willit**

_____ Date: _____

State of _____

County of _____

This ____ day of _____, 20____, before me personally came the above named James L. Willit, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____

Sixth Inventor: **Laurel A. Barnes**

Laurel Barnes Date: 12/28/2011

State of TN

County of Hamilton

This 28 day of December, 2011, before me personally came the above named Laurel A. Barnes, known as the individual who executed the foregoing assignment, who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

Seal

[Signature]
(Notary Public)

My commission expires: 8/28/2012

Seventh Inventor: **Robert J. Blaskovitz**

_____ Date: _____

State of _____

County of _____

This ____ day of _____, 20____, before me personally came the above named Robert J. Blaskovitz, known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

My commission expires: _____