#### 502249988 03/01/2013

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Klaus Kurzer	02/22/2013
Erhard Friedrich	02/21/2013
Dirk Blavius	02/22/2013
Bernd Block	02/26/2013

#### RECEIVING PARTY DATA

Name:	AREVA NP	
Street Address:	Tour AREVA 1, Place Jean Millier	
City:	Courbevoie	
State/Country:	FRANCE	
Postal Code:	92400	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13808130

# CORRESPONDENCE DATA

Fax Number: 2127362427

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212 736 1940

Email: cmehall@ddkpatent.com

Correspondent Name: Davidson, Davidson & Kappel, LLC

485 7th Avenue Address Line 1: 14th Floor Address Line 2:

Address Line 4: New York, NEW YORK 10018

ATTORNEY DOCKET NUMBER:	568.1058
NAME OF SUBMITTER:	Clint Mehall

## Total Attachments: 4

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> **PATENT** REEL: 029906 FRAME: 0884

502249988

Docket No.: 568.1058

#### **ASSIGNMENT**

WHEREAS, I (We), Klaus KURZER, residing at Kohlleihte 15, Igensdorf, Germany, Erhard FRIEDRICH, residing at Brander Haupststrasse 21, Eckental, Germany 90542, Dirk BLAVIUS, residing at Pechmannstrasse 24, Erlangen, Germany 91058 and Bernd BLOCK, residing at Eskilstrunastrasse 5, Erlangen, Germany 91058, ASSIGNOR(S), have invented certain new and useful improvements in BWR NUCLEAR FUEL ASSEMBLY WITH SNAP-IN SLEEVE SPRING, an application for a Patent of the United States for which:

I (we) am (are) about to execute;
Was executed on (date(s));
is identified by Davidson, Davidson & Kappel, LLC, Docket No. 568.1058;
was filed on July 6, 2011 as International Application Serial No.
PCT/EP2011/061410
was filed on January 3, 2013 as US Application Serial No. 13/808,130;
I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel,
LLC of 485 Seventh Avenue, 14th Floor, New York, New York 10018 to insert here
in parentheses (Application number, filed the filing date
and application number of said application when known; and

WHEREAS, AREVA NP, Tour AREVA 1, Place Jean Millier, Courbevoie, France 92400, ASSIGNEE, are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY 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 or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

Docket No.: 568,1058

## **ASSIGNMENT**

I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

	eunto set my (our) hand(s) and seal(s) the
day and year set opposite my (our) signature(s	).
Dated: '2013-02-22	Klaus KURŽER
Dated:	Erhard FRIEDRICH
Dated: 2013-02-22	
Dated: 2013.02.26	Bernd BLOCK

Docket No.: 568.1058

#### **ASSIGNMENT**

WHEREAS, I (We), Klaus KURZER, residing at Kohlleihte 15, Igensdorf, Germany, Erhard FRIEDRICH, residing at Brander Haupststrasse 21, Eckental, Germany 90542, Dirk BLAVIUS, residing at Pechmannstrasse 24, Erlangen, Germany 91058 and Bernd BLOCK, residing at Eskilstrunastrasse 5, Erlangen, Germany 91058, ASSIGNOR(S), have invented certain new and useful improvements in BWR NUCLEAR FUEL ASSEMBLY WITH SNAP-IN SLEEVE SPRING, an application for a Patent of the United States for which:

	I (we) am (are) about to execute;
	Was executed on (date(s));
X	is identified by Davidson, Davidson & Kappel, LLC, Docket No. 568.1058;
X	was filed on July 6, 2011 as International Application Serial No.
	PCT/EP2011/061410
_X_	was filed on January 3, 2013 as US Application Serial No. 13/808,130;
	I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel,
	LLC of 485 Seventh Avenue, 14th Floor, New York, New York 10018 to insert here
	in parentheses (Application number filed the filing date
	and application number of said application when known; and
	••

WHEREAS, AREVA NP, Tour AREVA 1, Place Jean Millier, Courbevoie, France 92400, ASSIGNEE, are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY 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 or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

Docket No.: 568.1058

#### **ASSIGNMENT**

I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated:	
	Klaus KURZER
Dated: 21. Feb. 2015	Erhard Friedride
	Erhard FRIEDRICH
Dated:	
50.00	Dirk BLAVIUS
Dated:	Bernd BLOCK