

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4342986

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AREVA INC.	01/31/2017

RECEIVING PARTY DATA

Name:	TN AMERICAS LLC
Street Address:	7135 MINSTREL WAY
Internal Address:	SUITE 300
City:	COLUMBIA
State/Country:	MARYLAND
Postal Code:	21045

PROPERTY NUMBERS Total: 12

Property Type	Number
Patent Number:	8657549
Patent Number:	8342357
Application Number:	13758813
Application Number:	62039361
Patent Number:	9349493
Patent Number:	9443626
Application Number:	62260809
Application Number:	15365612
Application Number:	62260791
Application Number:	15365327
Application Number:	62260836
Application Number:	15365402

CORRESPONDENCE DATA

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PATENT

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ATTORNEY DOCKET NUMBER:	TRWI514766
NAME OF SUBMITTER:	MARZENA DIXON
SIGNATURE:	/Marzena Dixon/
DATE SIGNED:	03/29/2017

Total Attachments: 8

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ASSIGNMENT OF PATENT ASSETS

WHEREAS, AREVA Inc., a corporation of the State of Delaware, (hereinafter the ASSIGNOR), is the owner by assignment of the inventions and patent applications and issued patents shown on the attached EXHIBIT A (hereinafter "PATENT ASSETS");

WHEREAS, TN Americas LLC, a limited liability company of the State of Delaware, with a place of business at 7135 Minstrel Way, Suite 300, Columbia, MD 21045 (formerly known as AREVA Enrichment Services Operations, LLC, hereinafter the ASSIGNEE) is desirous of acquiring an interest therein;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers unto ASSIGNEE the entire right and title to and interest in said PATENT ASSETS for the United States of America and its territorial possessions and all foreign countries, and the entire right and title to and interest in any and all letters PATENT ASSETS which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, reexaminations, continuations, and continuations-in-part thereof;

And ASSIGNOR further agrees that ASSIGNOR will, at the request and expense of ASSIGNEE, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that ASSIGNOR will, at the request and expense of ASSIGNEE, execute such application papers as may be desired by said ASSIGNEE for the PATENT ASSETS and for any and all divisions, reissues, reexaminations, continuations, and continuations-in-part thereof, and will execute such supplemental oaths or other papers as desired by said ASSIGNEE;

And ASSIGNOR further assigns unto ASSIGNEE the entire right and title to and interest in said PATENT ASSETS throughout all countries foreign to the United States of America, and does hereby authorize said ASSIGNEE to apply for international patents and patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention, and does agree to execute applications for said PATENT ASSETS in the several countries where it is necessary that the same be executed by the ASSIGNOR and to execute assignment of such applications and the PATENT ASSETS to be obtained therefor to said ASSIGNEE, as well as all other necessary papers.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment;

Executed by ASSIGNOR at Lynchburg (city), Virginia (state), this 31st day of January 2017.

AREVA Inc.
(ASSIGNOR)

By [Signature]
Printed Name: David M. Royer
Title: Secretary

STATE OF VIRGINIA)
CITY) ss.
~~COUNTY~~ OF LYNCHBURG)

I certify that I know or have satisfactory evidence that DAVID M. ROYER is the person who appeared before me, and said person acknowledged that he/she signed this instrument, on oath stated that he/she was authorized to execute the instrument and acknowledged it as the SECRETARY of AREVA Inc. to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated: Jan 31 2017



[Signature]
Printed Name: DANITA R. KIDD
Notary Public
My appointment expires 12/31/2020
REG#205569

Exhibit A: List of Patent Assets

COJK Reference	Client Reference	Title	Country	Application No.	Filed	Patent No.	Issue Date	Expires	Publication No.	Pub. Date
TRWI-1-0034328	A2007-22	Container for Long-Term Storage With Removable Base	France	07 56383	7/10/2007	2918649	2/10/2012	7/10/2027	2918649	1/16/2009
TRWI-1-0034374	A2007-22	Container for Long-Term Storage With Removable Base	China	200860023614.4	7/8/2008	101730814	12/5/2012	7/6/2028	CN101730814A	6/9/2010
TRWI-1-0034375	A2007-22	Container for Long-Term Storage With Removable Base	South Korea	1020107002697	7/8/2008				2010043213	4/28/2010
TRWI-1-0034376	A2007-22	Long-Term Storage Site For Radioactive Materials	USA	12/666194	6/1/2010	8857549	2/25/2014	4/25/2030	20100254785	10/7/2010
TRWI-1-0034377	A2007-22	Container for Long-Term Storage With Removable Base	EPC	08789369.0	7/8/2008	2165340	6/5/2013		2165340	1/15/2009
TRWI-1-0037482	A2007-22	Container for Long-Term Storage With Removable Base	India	1/MUMNP/2010	7/8/2008					
TRWI-1-0037483	A2007-22	Container for Long-Term Storage With Removable Base	Japan	2010-515491	7/8/2008				2010-533288	
TRWI-1-0038438	A2009-21	Rack Systems and Assemblies For Fuel Storage	Taiwan	99129246	8/31/2010	1500043	9/11/2015	8/30/2030	201120911	6/16/2011
TRWI-1-0038620	A2009-21	Rack Systems and Assemblies for Fuel Storage	EPC	10812772.1	8/31/2010				2474001	7/11/2012
TRWI-1-0038621	A2009-21	Rack Systems and Assemblies for Fuel Storage	China	201080038461.8	8/31/2010	ZL201080038461.8	5/16/2016	8/30/2030	CN102498523A	6/13/2012
TRWI-1-0038623	A2009-21	Rack Systems and Assemblies for Fuel Storage	India	1332/CHENP/2012	8/31/2010					

TRWI-1-0039284	A2009-22	Partition Support and Canister Assemblies for Packaging Contents and Methods of Containing Same	USA	12/535501	6/4/2009	8342357	1/1/2013	8/31/2030		
TRWI-1-0040232	A2012-22	Systems and Methods for Canister Inspection, Preparation, and Maintenance	United Kingdom	1302571.3	2/14/2013	2504795	10/12/2018	2/14/2033	2504795	2/12/2014
TRWI-1-0040239	A2012-22	Systems and Methods for Canister Inspection, Preparation, and Maintenance	USA	13758613	2/4/2013				20130340225	12/26/2013
TRWI-1-0052932	A2012-22	Systems and Methods for Canister Inspection, Preparation, and Maintenance	China	201380031862.4	2/4/2013				CN104520942A	4/15/2015
TRWI-1-0052933	A2012-22	Systems and Methods for Canister Inspection, Preparation, and Maintenance	Mexico	MX/a/2014/015677	2/4/2013					8/14/2015
TRWI-1-0052934	A2012-22	Systems and Methods for Canister Inspection, Preparation, and Maintenance	South Africa	2014/08735	2/4/2013					
TRWI-1-0053506	A2012-23	Composite Basket Assembly	Mexico	MX/a/2015/002014	8/9/2013					
TRWI-1-0050103	A2014-09	Spent Fuel Storage System, Components, and Methods of Use	USA	62/038361	8/19/2014					
TRWI-1-0054124	A2014-09	Spent Fuel Storage System, Components, and Methods of Use	PCT	PCT/US2015/045930	8/19/2015				WO 2016/028911	2/25/2016
TRWI-1-0053131	A2014-10	Docking Stations for Transfer Cask	USA							
TRWI-1-0040486	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	USA	13747396	1/22/2013	9349493	5/24/2018	7/15/2033	20130322589	12/5/2013
TRWI-1-0052459	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	Brazil	BR112014017607.0	1/22/2013					

TRWI-1-0052460	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	China	201380811394.4	1/22/2013				CN104221092A	12/17/2014
TRWI-1-0052461	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	EPC	13761208.7	1/22/2013				2805331	11/26/2014
TRWI-1-0052462	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	India	5708/CHEMP/2014	1/22/2013					
TRWI-1-0052463	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	Japan	2014-553521	1/22/2013					
TRWI-1-0052464	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	South Korea	10-2014-7823006	1/22/2013					
TRWI-1-0052465	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	Mexico	MX/a/2014/008630	1/22/2013					
TRWI-1-0052466	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	Ukraine	a 2014 09280	1/22/2013					
TRWI-1-0052467	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	U.A.E.	776/2014	1/22/2013					
TRWI-1-0052468	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	South Africa	2014/05612	1/22/2013					
TRWI-1-0053504	A2015-02	System For Storage and Transportation of Spent Nuclear Fuel	USA	14/822643	2/13/2015	9443628	9/13/2016	1/22/2033	20150243390	8/27/2015
TRWI-1-0054679	A2015-14	Canister Movement Assembly for Transfer, Rotation, and/or Inspection	USA	62/269809	11/30/2015					
TRWI-1-0054708	A2015-14	Canister Movement Assembly for Transfer, Rotation and/or Inspection	EPC	15197148.8	11/30/2015					
TRWI-1-0057011	A2015-14	Canister Movement Assembly for Transfer, Rotation, and/or Inspection	PCT	PCT/US2016/064258	11/30/2016					

TRWI-1-0057014	A2015-14	Canister Movement Assembly for Transfer, Rotation, and/or Inspection	USA	15/365612	11/30/2016						
TRWI-1-0057034	A2015-14	Canister Movement Assembly for Transfer, Rotation, and/or Inspection	Gulf Cooperation Council	2016/32463	11/29/2016						
TRWI-1-0057035	A2015-14	Canister Movement Assembly for Transfer, Rotation, and/or Inspection	Taiwan	105139232	11/29/2016						
TRWI-1-0057012	A2015-14	Canister Movement Assembly for Transfer, Rotation, and/or Inspection	Argentina	P160103639	11/29/2016						
TRWI-1-0054577	A2015-15	Horizontal Storage Module, Lifting Assembly, and Canister Transfer Assemblies	USA	62/260791	11/30/2015						
TRWI-1-0054581	A2015-15	Horizontal Storage Module, Lifting Assembly, and Canister Transfer Assemblies	EPC	15197150.4	11/30/2015						
TRWI-1-0057012	A2015-15	Horizontal Storage Module, Carriage Assembly, and Canister Transfer Assemblies	PCT	PCT/US2016/064246	11/30/2016						
TRWI-1-0057016	A2015-15	Horizontal Storage Module, Carriage Assembly, and Canister Transfer Assemblies	USA	15/365327	11/30/2016						
TRWI-1-0057036	A2015-15	Horizontal Storage Module, Carriage Assembly, and Canister Transfer Assemblies	Gulf Cooperation Council	2016/32464	11/29/2016						
TRWI-1-0057037	A2015-15	Horizontal Storage Module, Carriage Assembly, and Canister Transfer Assemblies	Taiwan	105139234	11/29/2016						

TRW-1-0057311	A2015-15	Horizontal Storage Module, Carriage Assembly, and Cask Transfer Assemblies	Argentina	P160103853	11/30/2016					
TRW-1-0054680	A2015-18	Inner Cask Roller Assembly	USA	62/260836	11/30/2015					
TRW-1-0054709	A2015-18	Inner Cask Roller Assembly	EPC	15197151.2	11/30/2015					
TRW-1-0057015	A2015-18	Inner Cask Roller Assembly	USA	15/365402	11/30/2016					
TRW-1-0056969	A2016-13	Cask Spacer	USA							