

## 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>Ronald F. Simandl</td><td>09/26/2007</td></tr><tr><td>Steven W. Russell</td><td>09/26/2007</td></tr><tr><td>Jerrid S. Holt</td><td>09/27/2007</td></tr><tr><td>John D. Brown</td><td>09/26/2007</td></tr></tbody></table>	Name	Execution Date	Ronald F. Simandl	09/26/2007	Steven W. Russell	09/26/2007	Jerrid S. Holt	09/27/2007	John D. Brown	09/26/2007	
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Ronald F. Simandl	09/26/2007										
Steven W. Russell	09/26/2007										
Jerrid S. Holt	09/27/2007										
John D. Brown	09/26/2007										
RECEIVING PARTY DATA											
Name:	BWXT Y-12, L.L.C.										
Street Address:	Bear Creek and Scarboro Roads										
City:	Oak Ridge										
State/Country:	TENNESSEE										
Postal Code:	37831										
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>11862458</td></tr></tbody></table>	Property Type	Number	Application Number:	11862458							
Property Type	Number										
Application Number:	11862458										
CORRESPONDENCE DATA											
Fax Number:	(865)523-4478										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	865-546-4305										
Email:	LCable@LNG-patent.com										
Correspondent Name:	Luedeka, Neely & Graham, P.C.										
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Address Line 4:	Knoxville, TENNESSEE 37921										
ATTORNEY DOCKET NUMBER:	62856.US										
NAME OF SUBMITTER:	James R. Palmer										
Total Attachments: 3 source=62856us-topto-20070927-ASSIGNMENT#page1.tif											

CH 11862458 \$40.00

500363688

PATENT  
REEL: 019889 FRAME: 0491



## *Assignment*

For good and valuable consideration, receipt of which is hereby acknowledged, We, the undersigned, have assigned and do hereby assign to **BWXY-12, L.L.C.**, a limited liability company of Delaware, having its principal place of business at Bear Creek and Scarboro Roads, Oak Ridge, Tennessee 37831, its successors, assigns and legal representatives, the entire right, title and interest throughout the world in and to all subject matter invented by and disclosed in the application identified below:

Title: NON-DESTRUCTIVE COMPONENT SEPARATION USING INFRARED RADIANT ENERGY

Inventor(s): Ronald F. Simandl

9/26/07

Date of Execution of Declaration

Steven W. Russell

9/26/07

Date of Execution of Declaration

Jerrid S. Holt

9/27/07

Date of Execution of Declaration

John D. Brown

9/26/07

Date of Execution of Declaration

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all papers necessary to secure all said Letters Patent to the above assignee in accordance with the Assignment.

9/26/07

Date of Execution of Assignment

Ronald F. Simandl

Ronald F. Simandl

9/26/07

Date of Execution of Assignment

Steven W. Russell

Steven W. Russell

9/27/07

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Jerrid S. Holt

Jerrid S. Holt

9/26/07

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John D. Brown

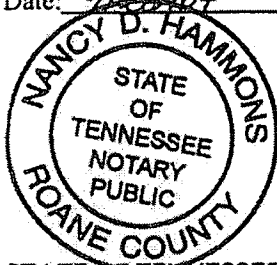
John D. Brown

STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared **Ronald F. Simandl**, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 9/26/07



Nancy D. Hammons  
Notary Public

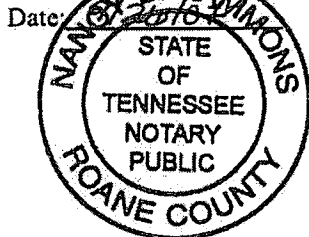
My Commission Expires: 8/13/08

\*\*\*\*\*

STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared **Steven W. Russell**, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.



Date: 9/26/07

Nancy D. Hammons  
Notary Public

My Commission Expires: 8/13/08

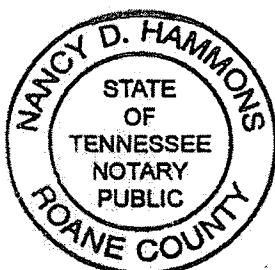
\*\*\*\*\*

STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared **Jerrid S. Holt**, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 9/27/2007



Nancy D. Hammons  
Notary Public

My Commission Expires: 8/13/08

STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared **John D. Brown**, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 9/26/07

Nancy D. Hammons  
Notary Public

My Commission Expires: 8/13/08

