

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2593250

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>B&W Y-12, LLC</td> <td>10/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	B&W Y-12, LLC	10/17/2013
Name	Execution Date				
B&W Y-12, LLC	10/17/2013				
RECEIVING PARTY DATA					
Name:	U.S. DEPARTMENT OF ENERGY				
Street Address:	1000 INDEPENDENCE AVE., SW				
City:	WASHINGTON				
State/Country:	DISTRICT OF COLUMBIA				
Postal Code:	20585				
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>13758416</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13758416
Property Type	Number				
Application Number:	13758416				
CORRESPONDENCE DATA					
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Signature:	/Brenda K. Banks/				
Date:	10/28/2013				
Total Attachments: 1 source=2192 Confirmatory License 001#page1.tif					

CONFIRMATORY LICENSE
LARGE BUSINESS CLASS WAIVER

Title: **Explosive Bulk Charge**

Inventor(s): **Jacob Lee Miller**

Serial No.: **13/758,416**

Filing Date (U.S.): **February 4, 2013**

DOE Case No.: **S-128,032**

Contractor: **B&W Y-12, LLC**

DOE Contract No.: **DE-AC05-00OR22800**

Patent Rights Clause No.: **Article I.80 DEAR 970.5227-12 PATENT RIGHTS-MANAGEMENT AND OPERATING CONTRACTS, FOR-PROFIT CONTRACTOR, ADVANCE CLASS WAIVER (DEC 2000)**

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):
(None)¹

The Contractor, having the right to retain title to certain Subject Inventions as a result of the above-identified U.S. Department of Energy (DOE) Class Patent Waiver, has reported the above-identified invention as a Subject Invention to DOE with an election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, paid-up license to practice or have practice for or on behalf of the United States the Subject Invention, patent application and any resulting patent, as well as any continuation, divisional, reissue, or supplemental thereof, and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which has been previously submitted to DOE and incorporated by reference herein. If attached, the undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified Subject Invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed, this 17th day of October, 2013

By: 
Tammy Graham, Manager
B&W Y-12, LLC
Office of Technology Transfer

¹ Note: B&W Y-12 may file a Patent Cooperation Treaty (PCT) application under the terms of its Prime Contract.