

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Boris L Zhuikov</td> <td>11/23/2010</td> </tr> <tr> <td>Nicolai A Konyakhin</td> <td>11/23/2010</td> </tr> <tr> <td>Vladimir M Kokhanyuk</td> <td>11/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	Boris L Zhuikov	11/23/2010	Nicolai A Konyakhin	11/23/2010	Vladimir M Kokhanyuk	11/23/2010
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Boris L Zhuikov	11/23/2010								
Nicolai A Konyakhin	11/23/2010								
Vladimir M Kokhanyuk	11/23/2010								
<b>RECEIVING PARTY DATA</b>									
Name:	Brookhaven Science Associates								
Street Address:	40 Brookhaven Avenue								
Internal Address:	Building 460								
City:	Upton								
State/Country:	NEW YORK								
Postal Code:	11973-5000								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12424992</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12424992				
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Application Number:	12424992								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(513)241-6234								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	glunn@whepatent.com								
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ATTORNEY DOCKET NUMBER:	CVI-11 BSA 09-06								
NAME OF SUBMITTER:	Gregory J. Lunn								

OP \$40.00 12424992

Total Attachments: 2  
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**501363949**

**PATENT**  
**REEL: 025436 FRAME: 0079**



ASSIGNMENT

Joint

WHEREAS, we Boris L. Zhuikov; Nicolai A. Konyakhin; and Vladimir M. Kokhanyuk, citizens of Russia respectively, residing in Moscow Region, Country of Russia, in Kaluga Region, Country of Russia, and in Moscow Region, Country of Russia, ASSIGNORS, are the inventors of an invention and certain new and useful improvements disclosed in an application entitled "Targets and Methods for Target Preparation for Radionuclide Production"; filed April 16, 2009, Serial No. 12/424,992; and identified as BSA 09-06; and

WHEREAS, the **Brookhaven Science Associates**, incorporated in Delaware (BSA), having an office at **40 Brookhaven Avenue, Building 460, Upton, NY 11973-5000**, desires to acquire the entire right, title, and interest in, under and to the said invention and improvements which are disclosed in the said application, and any Letters Patent wherever they may be issued thereon;

WHEREAS, BSA has elected to take title to said invention pursuant to P.L. 98-620 and has informed the U.S. Department of Energy of that election and the U.S. Department of Energy has not exercised any exceptions thereto under either 401.3(a)(2) or (3) of P.L. 98-620, but retains the right to do so;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned ASSIGNORS by these presents do sell, assign, and transfer unto BSA the entire right, title, and interest in, under and to the said invention and improvements as disclosed in the said application as well as any divisional, continuation, renewal, substitute, reissue, reexamination, conversion, and all other applications for Letters Patent or the legal equivalent thereof wherever they may be filed, and in, under and to any and all Letters Patent or the legal equivalent thereof wherever they may be issued thereon including all original, reissue, reexamination, and extensions of said Letters Patent or the legal equivalent thereof;

AND WE HEREBY authorize and request the issuing authority 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 and in the name of the Brookhaven Science Associates;

AND WE HEREBY covenant and agree that we have full right to convey the entire right, title and interest herein assigned, and that we have not executed, and will not execute, any assignment, grant, mortgage, license or other agreement in conflict herewith;

AND WE HEREBY agree to make, execute, and deliver unto BSA any and all rightful oaths, declarations, assignments, powers of attorney, affidavits, statements, and all other documents or instruments; we agree to execute all renewal, divisional, continuation, substitute, reexamination, foreign, reissue, and all other applications; we agree to communicate to BSA, its successors, legal representatives, or its assigns, any facts known to us respecting the said invention and improvements and the history thereof; we agree to testify as to the same in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences, litigations, or other actions or proceedings that said applications may encounter or in which they may become involved as may be required by BSA, or its duly authorized representative; and we agree to generally do everything possible to aid BSA in protecting the said invention and improvements, and in obtaining, maintaining, defending and enforcing proper protection for the said invention and improvements as may be requested by BSA, its successors, legal representatives or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with BSA;

AND WE HEREBY agree and acknowledge that the sale, assignment and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and shall extend to the successors, assigns and nominees of BSA.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date: \_\_\_\_\_ L.S.  
**BORIS L. ZHUIKOV**

**STATEMENT OF WITNESS:**

I, \_\_\_\_\_ (print name), whose full Post Office address is \_\_\_\_\_, hereby declare that I was personally present and did see the above named person, **Boris L. Zhuikov**, personally known to me to be the person executing the assignment, duly sign and execute the same.

Date: \_\_\_\_\_, 2010  
\_\_\_\_\_  
(Signature of Witness)

Date: \_\_\_\_\_ L.S.  
**NICOLAI A. KONYAKHIN**

**STATEMENT OF WITNESS:**

I, \_\_\_\_\_ (print name), whose full Post Office address is \_\_\_\_\_, hereby declare that I was personally present and did see the above named person, **Nicolai A. Konyakhin**, personally known to me to be the person executing the assignment, duly sign and execute the same.

Date: \_\_\_\_\_, 2010  
\_\_\_\_\_  
(Signature of Witness)

Date: \_\_\_\_\_ L.S.  
**VLADIMIR M. KOKHANYUK**

**STATEMENT OF WITNESS:**

I, \_\_\_\_\_ (print name), whose full Post Office address is \_\_\_\_\_, hereby declare that I was personally present and did see the above named person, **Vladimir M. Kokhanyuk**, personally known to me to be the person executing the assignment, duly sign and execute the same.

Date: \_\_\_\_\_, 2010  
\_\_\_\_\_  
(Signature of Witness)