

PATENT ASSIGNMENT

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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>Elko Schubert</td> <td>05/28/2013</td> </tr> <tr> <td>Peter Steidl</td> <td>06/03/2013</td> </tr> <tr> <td>Daniel Richter</td> <td>05/28/2013</td> </tr> <tr> <td>Christoph Schuy</td> <td>05/28/2013</td> </tr> <tr> <td>Christoph Bert</td> <td>05/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Elko Schubert	05/28/2013	Peter Steidl	06/03/2013	Daniel Richter	05/28/2013	Christoph Schuy	05/28/2013	Christoph Bert	05/27/2013
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RECEIVING PARTY DATA													
Name:	GSI Helmholtzzentrum fuer Schwerionenforschung GmbH												
Street Address:	Planckstrasse 1												
City:	Darmstadt												
State/Country:	GERMANY												
Postal Code:	64291												
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>13991656</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13991656								
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CORRESPONDENCE DATA													
Fax Number:	3126165700												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	assignments@leydig.com												
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.												
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Address Line 2:	180 North Stetson Avenue												
Address Line 4:	Chicago, ILLINOIS 606016731												
ATTORNEY DOCKET NUMBER:	813246												
NAME OF SUBMITTER:	Erik R. Swanson												

CH \$40.00 13991656

Signature:	/Erik R. Swanson/
Date:	07/23/2013
Total Attachments: 6 source=813246_ExecutedAssignment#page1.tif source=813246_ExecutedAssignment#page2.tif source=813246_ExecutedAssignment#page3.tif source=813246_ExecutedAssignment#page4.tif source=813246_ExecutedAssignment#page5.tif source=813246_ExecutedAssignment#page6.tif	

ASSIGNMENT

I, Elko Schubert, a citizen of Germany, residing at Landrat-Pfeifer-Strasse 17; 64823
Gross-Umstadt; GERMANY; and

I, Peter Steidl, a citizen of Germany, residing at Egenoltstrasse 22a; 65599 Dornburg;
GERMANY; and

I, Daniel Richter, a citizen of Germany, residing at ~~Rhoering 11~~, ^{Ringstr. 33, 69115 Heidelberg} 64888 Darmstadt;
GERMANY; and

I, Christoph Schuy, a citizen of Germany, residing at Darmstaedter Strasse 1; 63225
Langen; GERMANY; and

I, Christoph Bert, a citizen of Germany, residing at Karl-Broeger-Strasse 24 b; 91080
Uttenreuth;

and each of us, if more than one person is identified above, have invented and own a certain
invention entitled:

RADIATION PHANTOM

for which invention International Application No. PCT/EP2011/070337 was filed on
November 17, 2011, designating the U.S. and

WHEREAS, GSI Helmholtzzentrum fuer Schwerionenforschung GmbH, having an
address at Planckstrasse 1; 64291 Darmstadt; Germany,

hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign
right, title, and interest in and under the invention described in the above patent application.


NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency
of which are hereby acknowledged, I/we assign and transfer to the Assignee and the
Assignee's legal representatives, successors and assigns my/our full and exclusive rights in
and to the invention in the U.S. and every foreign country and my/our entire right, title, and
interest in and to the patent application and other such applications (e.g., provisional
applications, non-provisional applications, continuations, continuations-in-part, divisionals,

reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 5/28/13


Elko Schubert, Inventor

Date _____

Peter Steidl, Inventor

Date 5/28/13

D. Richter
Daniel Richter, Inventor

Date 5/28/13

C. Schuy
Christoph Schuy, Inventor

Date 5/28/13

C. Bert
Christoph Bert, Inventor

ASSIGNMENT

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Date _____

Elko Schubert, Inventor

Date 2013-06-03 _____

P. Steidl
Peter Steidl, Inventor

Date _____

_____ Daniel Richter, Inventor

Date _____

_____ Christoph Schuy, Inventor

Date _____

_____ Christoph Bert, Inventor