

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>Ludwig Holzleitner</td> <td>07/20/2012</td> </tr> <tr> <td>Martyn T. Swinhoe</td> <td>07/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ludwig Holzleitner	07/20/2012	Martyn T. Swinhoe	07/20/2012
Name	Execution Date						
Ludwig Holzleitner	07/20/2012						
Martyn T. Swinhoe	07/20/2012						
RECEIVING PARTY DATA							
Name:	Los Alamos National Security, LLC						
Street Address:	Los Alamos National Laboratory						
Internal Address:	LC/IP, MS A187						
City:	Los Alamos						
State/Country:	NEW MEXICO						
Postal Code:	87545						
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>13394598</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13394598		
Property Type	Number						
Application Number:	13394598						
CORRESPONDENCE DATA							
Fax Number:	5056654424						
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NAME OF SUBMITTER:	Ryan B. Kennedy						
Total Attachments: 2 source=ExeAsnmt#page1.tif source=ExeAsnmt#page2.tif							

CH \$40.00 13394598

PATENT

ASSIGNMENT

U.S. Patent Application Serial No. 13/394,598

For good and valuable consideration, the receipt of which is hereby acknowledged,

Each of ASSIGNORS,

1. Ludwig Holzleitner 2. Martyn T. Swinhoe

hereby sells, assigns and transfers to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions, any and all improvements which are disclosed in the invention titled:

NEUTRON MULTIPLICITY COUNTING

and which is found in

- (a) U.S. patent application executed on _____ entitled as above and listing the above-named person(s) as inventor(s) and having the docket number _____.
- (b) U.S. application Serial No 13/394,598, filed on 07 March 2012 and claiming priority to: International patent application Serial No. PCT/EP/2010/059905 filed on 09 July 2010; and European patent application Serial No. EP09170727.3 filed on 18 September 2009.
- (c) U.S. Patent No. _____, issued _____.
- (d) U.S. provisional application filed on _____, entitled as above and listing the above-named person(s) as inventor(s)

and any legal equivalent thereof in the United States, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent;

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

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

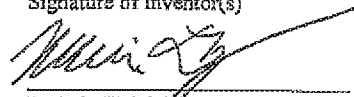
Assignment
13/394,598

AND the ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

20 day of JULY, 2012

Signature of Inventor(s)



Ludwig Holzlechner

20 day of July, 2012



Martyn T. Swinhoe