

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Joel Del Eckels | 04/01/2009 |
| RECEIVING PARTY DATA | |
| Name: | Lawrence Livermore National Security, LLC |
| Street Address: | 7000 East Ave. |
| Internal Address: | L-703 |
| City: | Livermore |
| State/Country: | CALIFORNIA |
| Postal Code: | 94550 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12105503 |
| CORRESPONDENCE DATA | |
| Fax Number: | (408)971-4660 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 408-971-2573 |
| Email: | erica@zilkakotab.com |
| Correspondent Name: | Zilka-Kotab, PC |
| Address Line 1: | P.O. Box 721120 |
| Address Line 4: | San Jose, CALIFORNIA 95113 |
| ATTORNEY DOCKET NUMBER: | LLNLP013 |
| NAME OF SUBMITTER: | Dominic M. Kotab |
| Total Attachments: 1 source=IL-11739_J. Eckels_assignment_executed#page1.tif | |

CH \$40.00 12105503

ASSIGNMENT

LLNL Case No.: IL-11739

For good and valuable consideration the receipt of which is hereby acknowledged ASSIGNOR(s)

- | | |
|---------------------------|---------------|
| 1. <u>Joel Del Eckels</u> | 2. <u>//</u> |
| 3. <u>//</u> | 4. <u>//</u> |
| 5. <u>//</u> | 6. <u>//</u> |
| 7. <u>//</u> | 8. <u>//</u> |
| 9. <u>//</u> | 10. <u>//</u> |

hereby sells, assigns and transfers to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware Corporation, having its administrative offices located at Sunset Plaza Building C, 1658 Holmes St., Livermore, CA 94551 and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

HAND-HELD, MECHANICALLY COOLED, RADIATION DETECTION SYSTEM FOR GAMMA-RAY SPECTROSCOPY

and which is found in

- U.S. patent application executed on _____, entitled as above and listing the above named persons as inventors
- U.S. patent application serial no. 12/105,503, filed on 04/18/08
- U. S. patent no. _____, issued _____

and any legal equivalent thereof in a foreign country, 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 and all rights under all International Conventions for the Protection of Industrial Property;

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

ASSIGNOR(S) 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.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Lawrence Livermore National Security, LLC.

executed this

April 1, 2009
Date

Signature of Inventor(s)

Joel Del Eckels
Joel Del Eckels

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