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To the Honorable Commissioner of Patent

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Attached documents or copy thereof.

1. Name of conveying party(ies): Jerald D. Cole Mark W. Drigert Edward L. Reber Rahmat Aryaeinejad		2. Name and address of receiving party(ies): Name: <u>Lockheed Martin Idaho Technologies</u> Internal Address: <u>Alan D. Kirsch</u> <u>P. O. Box 1625</u> <u>Idaho Falls, ID 83415-3899</u> Street Address: _____ City: _____ State: _____ ZIP: _____ Additional name(s) & address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>August 27 and 31, 1998</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of this application is: _____ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Alan D. Kirsch</u> Internal Address: <u>Lockheed Martin Idaho Technologies Company, P. O. Box 1625,</u> <u>Idaho Falls, ID 83415-3899</u> Street Address: _____ City: _____ State: _____ ZIP: _____		6. Total number of applications and patents involved: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 8. Deposit account number. <u>05-0565</u>	
09/17/1998 JSNABOZZ 00000041 050565 09145054 01 FC:581 40.00 CH DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <u>Alan D. Kirsch</u> <u>Alan D. Kirsch</u> <u>9-1-98</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments and document <input checked="" type="checkbox"/> 3			

PATENT ASSIGNMENT

WHEREAS, we Jerald D. Cole, Mark W. Drigert, Edward L. Reber and Rahmat Aryaeinejad, citizens of the United States, residing in Idaho Falls, County of Bonneville, State of Idaho; residing in Idaho Falls, County of Bonneville, State of Idaho; residing in Idaho Falls, County of Bonneville, State of Idaho; residing in Idaho Falls, County of Bonneville, State of Idaho; have invented certain new and useful improvements in APPARATUSES AND METHODS FOR DETECTING, IDENTIFYING AND QUANTITATING RADIOACTIVE NUCLEI, AND METHODS OF DISTINGUISHING NEUTRON STIMULATION OF A RADATION PARTICLE DETECTOR FROM GAMMA-RAY STIMULATION OF A DETECTOR, for which we are about to file an application for United States Letters Patent identified as LIT-PI-332; and; executed by us on August 31, 1998, August 31, 1998, August 27, 1998, and on August 27, 1998; and;

WHEREAS, Lockheed Martin Idaho Technologies Company desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for other good and valuable consideration, we by these presents do sell, assign, and transfer unto the said Lockheed Martin Idaho Technologies Company and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by Lockheed Martin Idaho Technologies Company to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or

extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

We agree to make, execute, and deliver unto Lockheed Martin Idaho Technologies Company any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by Lockheed Martin Idaho Technologies Company or its duly authorized representative, 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 or other actions or proceedings that said application may encounter or in which they may become involved, and we agree that we will aid Lockheed Martin Idaho Technologies Company or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with Lockheed Martin Idaho Technologies Company.

WITNESS:

Susan C. Geyton

WITNESS:

Susan C. Geyton

WITNESS:

Patricia Butcher

WITNESS:

Patricia Butcher

INVENTORS:

Jerald D. Cole
Jerald D. Cole
Date 8/31/98

Mark W. Drigert
Mark W. Drigert
Date 8/31/98

Edward L. Reber
Edward L. Reber
Date 8-27-98

R. Aryaeinejad
Rahmat Aryaeinejad
Date 8/27/98