

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard R. Leach Jr.</td> <td>02/29/2008</td> </tr> <tr> <td>Faranak Nekoogar</td> <td>02/13/2008</td> </tr> <tr> <td>Peter C. Haugen</td> <td>03/05/2008</td> </tr> </tbody> </table>		Name	Execution Date	Richard R. Leach Jr.	02/29/2008	Faranak Nekoogar	02/13/2008	Peter C. Haugen	03/05/2008
Name	Execution Date								
Richard R. Leach Jr.	02/29/2008								
Faranak Nekoogar	02/13/2008								
Peter C. Haugen	03/05/2008								
RECEIVING PARTY DATA									
Name:	Lawrence Livermore National Security, LLC								
Street Address:	7000 East Avenue								
City:	Livermore								
State/Country:	CALIFORNIA								
Postal Code:	94551								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11699638</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11699638				
Property Type	Number								
Application Number:	11699638								
CORRESPONDENCE DATA									
Fax Number:	(925)423-2231								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	925-422-7272								
Email:	masluk1@llnl.gov								
Correspondent Name:	John P. Wooldridge								
Address Line 1:	P.O. Box 808								
Address Line 2:	Mail Stop L-703								
Address Line 4:	Livermroe, CALIFORNIA 94550								
ATTORNEY DOCKET NUMBER:	IL-11613								
NAME OF SUBMITTER:	John H. Lee								

Total Attachments: 3
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**PATENT
 REEL: 020603 FRAME: 0440**

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
 1. Richard R. Leach, Jr.
 2. Faranak Nekoogar
 3. Peter C. Haugen

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Lawrence Livermore National Security, LLC (LLNS)
 Internal Address: P.O. Box 808, L-703

 Street Address: 7000 East Avenue

 City: Livermore
 State: CA
 Country: USA Zip: 94551

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) March 5, 2008

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
11/699,638 Filed: January 29, 2007

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: John P. Woodridge/ LLNS
 Internal Address: P.O. Box 808, L-703

 Street Address: 7000 East Avenue

 City: Livermore
 State: CA Zip: 94551
 Phone Number: 925/422-7272
 Fax Number: 925/423-2231
 Email Address: N/A

6. Total number of applications and patents involved: 1 (ONE)

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
 a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number 12-0695
 Authorized User Name April Masluk

9. Signature: April Masluk Signature March 5, 2008 Date

 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 1

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

executed this

2-13-08

Date

Farak Nekoogar

Faranak Nekoogar

executed this

3-5-08

Date

Peter C. Haugen

Peter C. Haugen

-End of Document-
IL-11613