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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVE	YANCE					
CONVEYING PARTY	DATA					
Name				Execution Date		
Richard R. Leach Jr.			02/29/2008			
Faranak Nekoogar				02/13/2008		
Peter C. Haugen				03/05/2008		
RECEIVING PARTY I	ΟΑΤΑ					
Name:	Name: Lawrence Livermore National Security, LLC					
Street Address:	7000 East Av	venue				
City:	Livermore					
State/Country:	CALIFORNIA					
Postal Code:	94551					
Property Type Application Number: 11699		11699	Number 9638			
CORRESPONDENCE	E DATA	IL]		
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Phone: 925-422-7272					Ī	
Email: masluk1@llnl.gov						
Correspondent Name:John P. WooldridgeAddress Line 1:P.O. Box 808						
Address Line 2: Mail Stop L-703						
Address Line 4:	Livermr	oe, CAl	LIFORNIA 94550			
ATTORNEY DOCKET NUMBER:		IL-11613				
NAME OF SUBMITTER:		John H. Lee				
Total Attachments: 3 source=IL_11613_Ass						

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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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)	2. Name and address of receiving party(ies)					
 Richard R. Leach, Jr. Faranak Nekoogar 	Name: Lawrence Livermore National Security, LLC (LLNS)					
3. Peter C. Haugen	Internal Address: P.O. Box 808, L-703					
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s) : Execution Date(s) <u>March 5, 2008</u> √ Assignment Merger	Street Address: 7000 East Avenue					
✓ Assignment Merger Security Agreement Change of Name	e City: Livermore					
Joint Research Agreement	State: CA					
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip: 94551					
Other	Additional name(s) & address(es) attached? Yes INo					
A. Patent Application No.(s) 11/699,638 Filed: January 29, 2007	document is being filed together with a new application. B. Patent No.(s) tached? Yes VNo					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 (ONE)					
Name: John P. Wooldridge/ LLNS	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00					
Internal Address: P.O. Box 808, L-703	Authorized to be charged by credit card					
Street Address: 7000 East Avenue	Enclosed None required (government interest not affecting title)					
City: Livermore	8. Payment Information					
State: CA Zip:94551	a. Credit Card Last 4 Numbers Expiration Date					
Phone Number: <u>925/422-7272</u>	b. Deposit Account Number <u>12-0695</u>					
Fax Number: <u>925/423-2231</u>	Authorized User Name April Masluk					
Email Address: <u>N/A</u>						
9. Signature:	Date					
April Masluk Name of Person Signing	sheet, attachments, and documents:					

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

ASSIGNMENT

LLNL Case No.: IL-11613

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

1.	Richard R. Leach, Jr.	2.	Faranak Nekoogar
3.	Peter C. Haugen	4.	//
5.		6.	
7.		8.	
9.	//	10.	

hereby sells, assigns and transfers to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware Corporation, having its administrative offices located at 7000 East Avenue, Livermore, California 94551-9234, 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:

Ultra-Wideband Radar Sensors and Networks

and which is found in

U.S. patent application executed		<u>3</u> , enti	, entitled as above and						
listing the above named persons as inventors									
U.S. patent application serial no.	11/699,638 ,	filed on	1-29-2007	-					
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;

<u>ASSIGNOR(S)</u> 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 <u>ASSIGNOR(S)</u> 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

<u>2-29-2008</u> Date

Signature of Inventor(s) Richard R. Leach, Jr.

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executed this

executed this

3-- 5-08 Date

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CHan 26

Peter C. Haugen

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