

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David H. Chambers	10/12/2011
Jeffrey E. Mast	10/05/2011
David W. Paglieroni	09/28/2011
RECEIVING PARTY DATA	
Name:	Lawrence Livermore National Security, LLC
Street Address:	2300 First Street
Internal Address:	Suite 204
City:	Livermore
State/Country:	CALIFORNIA
Postal Code:	94550
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13219504
CORRESPONDENCE DATA	
Fax Number:	(925)423-2231
Phone:	9254227272
Email:	clinkenbeard3@llnl.gov
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	LLNS
Address Line 1:	7000 East Avenue
Address Line 2:	P.O. Box 808
Address Line 4:	Livermore, CALIFORNIA 94551
ATTORNEY DOCKET NUMBER:	IL-12311G
NAME OF SUBMITTER:	Mark H. Lough
Total Attachments: 2 source=rec_and_assign#page1.tif source=rec_and_assign#page2.tif	

CH \$40.00 13219504

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PATENT
REEL: 027054 FRAME: 0740

**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. David H. Chambers
2. Jeffrey E. Mast
3. David W. Paglieroni

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1. 10/12/2011; 2. 10/5/11; 3. 9/28/11

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

2. Name and address of receiving party(ies)

Name: Lawrence Livermore National Security, LLC

Internal Address: _____

Street Address: 2300 First Street

Suite 204

City: Livermore

State: California

Country: us Zip: 94550

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

U.S. Patent Application No. 13/219,504

NA

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: LLNL

Internal Address: P.O. Box 808, L-703

Street Address: 7000 East Avenue

City: Livermore

State: California Zip: 94550

Phone Number: 925 422-7272

Fax Number: 925 423-2231

Email Address: clinkenbeard3@llnl.gov

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 120695

Authorized User Name Linda Clinkenbeard

9. Signature:

/Mark H. Lough /
Signature

October 12, 2011
Date

Mark H. Lough

Name of Person Signing

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

2

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-12311G

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

1. David H. Chambers
2. Jeffrey E. Mast

3. David W. Paglieroni

hereby sells, assigns and transfers to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware Corporation, having its administrative offices located at 2300 First Street, Suite 204, Livermore, CA 94550 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:

ZERO SOURCE INSERTION TECHNIQUE TO ACCOUNT FOR
UNDERSAMPLING IN GPR IMAGING

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. 13/219504, filed on 8-26-11

☐ 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

10/12/11
Date

Signature of Inventor(s)


David H. Chambers

executed this

10/5/2011
Date

Signature of Inventor(s)


Jeffrey E. Mast

executed this

9/28/2011
Date

Signature of Inventor(s)

David W. Paglioni

PATENT

RECORDED: 10/13/2011

REEL: 027054 FRAME: 0742