

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dietrich A. Dehlinger</td> <td>07/20/2010</td> </tr> <tr> <td>Klint A. Rose</td> <td>07/19/2010</td> </tr> <tr> <td>Maxim Shusteff</td> <td>07/19/2010</td> </tr> <tr> <td>Christopher G. Bailey</td> <td>07/20/2010</td> </tr> <tr> <td>Raymond P. Mariella Jr.</td> <td>07/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Dietrich A. Dehlinger	07/20/2010	Klint A. Rose	07/19/2010	Maxim Shusteff	07/19/2010	Christopher G. Bailey	07/20/2010	Raymond P. Mariella Jr.	07/20/2010
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Lawrence Livermore National Security, LLC (LLNS)</td> </tr> <tr> <td>Street Address:</td> <td>7000 East Avenue</td> </tr> <tr> <td>City:</td> <td>Livermore</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94551</td> </tr> </table>		Name:	Lawrence Livermore National Security, LLC (LLNS)	Street Address:	7000 East Avenue	City:	Livermore	State/Country:	CALIFORNIA	Postal Code:	94551		
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
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: Mark H. Lough Address Line 1: 7000 East Avenue Address Line 2: Mail Stop L-703 Address Line 4: Livermore, CALIFORNIA 94551													
ATTORNEY DOCKET NUMBER:	IL-12231												
NAME OF SUBMITTER:	Eddie E. Scott												

CH \$40.00 12843269

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**PATENT**  
**REEL: 024873 FRAME: 0488**

Total Attachments: 3

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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. Dietrich A. Dehlinger
2. Klint A. Rose
3. Maxim Shusteff
4. Christopher G. Bailey
5. Raymond P. Mariella, Jr.

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) 7-20-2010

- ☒ 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)

B. Patent No.(s)

12/843,269 Filed 7-26-2010

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark H. Lough/ 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

8-23-10  
Date

April Masluk

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-12231

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

1. <u>Dietrich A. Dehlinger</u>	2. <u>Klint A. Rose</u>
3. <u>Maxim Shusteff</u>	4. <u>Christopher G. Bailey</u>
5. <u>Raymond P. Mariella, Jr.</u>	6. <u>//</u>

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:

### THREE DIMENSIONAL MICROELECTRODE SYSTEM FOR DIELECTROPHORESIS

and which is found in

☒ U.S. patent application executed on 7-20-2010, entitled as above and listing the above named persons as inventors

☒ U.S. patent application serial no. 12/843,269, filed on 7-26-2010

☐ 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

Signature of Inventor(s)

7-20-2010

Date




Dietrich A. Dehlinger

executed this

Signature of Inventor(s)

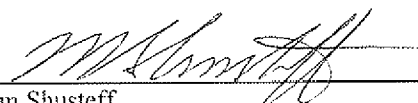
07/19/2010  
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Klint A. Rose

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Maxim Shusteff

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7/20/2010  
Date

  
Christopher G. Bailey

executed this

Signature of Inventor(s)

20 July 2010  
Date

  
Raymond P. Mariella Jr.

-End of Document-  
IL-12231