

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Olgica Bakajin	06/03/2008
Jason Holt	06/03/2008
Aleksandr Noy	05/12/2008
Hyung Gyu Park	05/20/2008
RECEIVING PARTY DATA	
Name:	Lawrence Livermore National Security, LLC
Street Address:	7000 East Avenue
Internal Address:	P.O. Box 808
City:	Livermore
State/Country:	CALIFORNIA
Postal Code:	94551
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12064604
CORRESPONDENCE DATA	
Fax Number:	(925)423-2231
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	925-422-7073
Email:	nugent8@llnl.gov
Correspondent Name:	John H. Lee/LLNS
Address Line 1:	7000 East Avenue
Address Line 2:	P.O. Box 808
Address Line 4:	Livermore, CALIFORNIA 94551
ATTORNEY DOCKET NUMBER:	IL-11531
NAME OF SUBMITTER:	John H. Lee

CH \$40.00 12064604

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PATENT
REEL: 021035 FRAME: 0209

Total Attachments: 3

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PATENT

REEL: 021035 FRAME: 0210

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)

Olgica Bakajin
Jason Holt
Aleksandr Noy
Hyung Gyu Park

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

2. Name and address of receiving party(ies)

Name: Lawrence Livermore National Security, LLC

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

Street Address: 7000 East Avenue

City: Livermore

State: CA

Country: USA Zip: 94550

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

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

Execution Date(s) 06/02/08

- ☒ 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)

12/064,604 filed 04/23/08

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: John H. Lee

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

Street Address: 7000 East Avenue

City: Livermore

State: CA Zip: 94550

Phone Number: 925/422-7073

Fax Number: 925/423-2231

Email Address: lee19@llnl.gov

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 120695

Authorized User Name Wanda Nugent

9. Signature:


Signature

6/3/08
Date

Wanda Nugent

Name of Person Signing

Total number of pages including cover 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-11531

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

1. <u>Olga Bakajin</u>	2. <u>Jason Holt</u>
3. <u>Aleksandr Noy</u>	4. <u>Hyung Gyu Park</u>
5. <u>//</u>	6. <u>//</u>
7. <u>//</u>	8. <u>//</u>
9. <u>//</u>	10. <u>//</u>

hereby sells, assigns and transfers to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware Corporation, having its administrative offices located at Sunset Plaza Building C, 1658 Holmes St., Livermore, CA 94551 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:

MEMBRANES FOR NANOMETER-SCALE MASS FAST TRANSPORT

and which is found in

☒ U.S. patent application executed on 6/03/08, entitled as above and listing the above named persons as inventors

☒ U.S. patent application serial no. 12/064604, filed on 02/22/08

☐ 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

6/3/08
Date

Signature of Inventor(s)

Olga Bakajin

executed this

6/3/08

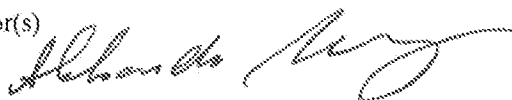
Signature of Inventor(s)

Jason Holt

executed this

May 12, 2008
Date

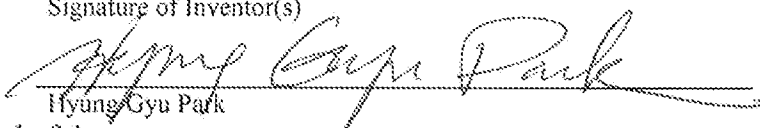
Signature of Inventor(s)


Aleksandr Noy

executed this

May 20, 2008
Date

Signature of Inventor(s)


Hyung Gyu Park

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