

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6437796

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	506292980
CONVEYING PARTY DATA	
Name	Execution Date
JASON PHILIP BRODSKY	10/06/2020
NATHANIEL SEAN BOWDEN	10/06/2020
RECEIVING PARTY DATA	
Name:	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC
Street Address:	7000 EAST AVENUE
City:	LIVERMORE
State/Country:	CALIFORNIA
Postal Code:	94550
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17065103
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	248.641.1600
Email:	cshelby@hdp.com
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.
Address Line 1:	P.O. BOX 828
Address Line 2:	SUITE 200
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303
ATTORNEY DOCKET NUMBER:	16336-000146-US
NAME OF SUBMITTER:	MARK D. ELCHUK
SIGNATURE:	/Mark D. Elchuk/
DATE SIGNED:	12/08/2020
Total Attachments: 2	
source=2020_10_06 2_01 Assignment-BRODSKY#page1.tif	
source=IL-1347A_Assignment Bowden 2020-11-16#page1.tif	

ASSIGNMENT

LLNL Record of Invention Case No. IL-1347A entitled:

MIXED-MATERIALS SCINTILLATOR SYSTEM

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

1. <u>Jason Philip BRODSKY</u>	2. <u>Nathaniel Sean BOWDEN</u>
3. _____	4. _____
5. _____	6. _____

hereby sells, assigns, transfers, and conveys to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware limited liability company, having a place of business at 7000 East Avenue, Livermore, CA 94550 and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest throughout the world in and to any and all inventions and discoveries found in the above-listed LLNL Record of Invention Case No. and in:

- U.S. Provisional Application Serial No. 62/912,350 , filed on October 8, 2019
- U.S. Patent Application Serial No. Not Yet Assigned , filed on Not Yet Assigned
- International Application Serial No. _____ , filed on _____

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 inventions and discoveries by the above application(s) 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) 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

10/6/2020

Date

Signature of ASSIGNOR(s)

Jason Philip BRODSKY

Signature of ASSIGNOR(s)

executed this

Date

Signature of ASSIGNOR(s)

Nathaniel Sean BOWDEN

Signature of ASSIGNOR(s)

24977038.1

ASSIGNMENT

LLNL Record of Invention Case No. IL-1347A, entitled:

MIXED-MATERIALS SCINTILLATOR SYSTEM

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

- | | |
|--------------------------------|---------------------------------|
| 1. <u>Jason Philip BRODSKY</u> | 2. <u>Nathaniel Sean BOWDEN</u> |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |

hereby sells, assigns, transfers, and conveys to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware limited liability company, having a place of business at 7000 East Avenue, Livermore, CA 94550 and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest throughout the world in and to any and all inventions and discoveries found in the above-listed LLNL Record of Invention Case No. and in:

- U.S. Provisional Application Serial No. 62/912,350, filed on October 8, 2019
- U.S. Patent Application Serial No. Not Yet Assigned, filed on Not Yet Assigned
- International Application Serial No. _____, filed on _____

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 inventions and discoveries by the above application(s) 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) 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 ASSIGNOR(s)

Date

Jason Philip BRODSKY

executed this

Signature of ASSIGNOR(s)

10/6/2020

Date

Nathaniel Sean BOWDEN

24977038.1