

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5638791

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LARS VOSS	06/17/2019
DANIEL MAX DRYDEN	06/17/2019
CLINT FRYE	06/17/2019
SARA ELIZABETH HARRISON	06/17/2019
REBECCA J. NIKOLIC	06/19/2019
QINGHUI SHAO	06/17/2019
RECEIVING PARTY DATA	
Name:	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC
Street Address:	2300 FIRST STREET, SUITE 204
City:	LIVERMORE
State/Country:	CALIFORNIA
Postal Code:	94550
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16446460
CORRESPONDENCE DATA	
Fax Number:	(408)971-4660
<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:	(408) 971-2573
Email:	alma@zilkakotab.com
Correspondent Name:	ZILKA-KOTAB, PC
Address Line 1:	1155 N. 1ST ST.
Address Line 2:	SUITE 105
Address Line 4:	SAN JOSE, CALIFORNIA 95112
ATTORNEY DOCKET NUMBER:	IL-13324/LLNLP200
NAME OF SUBMITTER:	DOMINIC M. KOTAB
SIGNATURE:	/Dominic M. Kotab/
DATE SIGNED:	07/26/2019

Total Attachments: 6

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ASSIGNMENT

LLNL Record of Invention Case No. IL-13324, entitled:

GALLIATION ASSISTED IMPURITY DOPING

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

- | | |
|------------------------------|-----------------------------------|
| 1. <u>Lars Voss</u> | 2. <u>Daniel Max Dryden</u> |
| 3. <u>Clint Frye</u> | 4. <u>Sara Elizabeth Harrison</u> |
| 5. <u>Rebecca J. Nikolic</u> | 6. <u>Qinghui Shao</u> |

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. 62/687,635, filed on 06/20/2018
- U.S. Patent Application Serial No. _____, filed on _____
- 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) 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

6/17/19

Date

Signature of ASSIGNOR(s)

[Signature]

Lars Voss

executed this

Date

Signature of ASSIGNOR(s)

[Signature]
Daniel Max Dryden

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Signature of ASSIGNOR(s)

Date

Lars Voss

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Daniel Max Dryden

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Signature of ASSIGNOR(s)

Clint Frye

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[Signature]
Sara Elizabeth Harrison

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Rebecca J. Nikolic

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Qinghui Shao

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June 19, 2019
Date

executed this

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Sara Elizabeth Harrison

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Rebecca J. Nikolic

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Qinghui Shao

PATENT

RECORDED: 07/26/2019

REEL: 049872 FRAME: 0735