# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5430475

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PRATANU ROY	02/28/2019
DU NGUYEN	02/28/2019
JOSHUAH K. STOLAROFF	02/26/2019

## **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:	16243810

## **CORRESPONDENCE DATA**

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HARNESS, DICKEY & PIERCE, P.L.C. **Correspondent Name:** 

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ATTORNEY DOCKET NUMBER:	16336-000116-US	
NAME OF SUBMITTER:	MARK D. ELCHUK	
SIGNATURE:	/Mark D. Elchuk/	
DATE SIGNED:	03/20/2019	

**Total Attachments: 2** 

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> **PATENT** REEL: 048644 FRAME: 0026 505383682

## **ASSIGNMENT**

LLNL Record of Invention Case No. IL-13309 , entitled: HIERARCHICAL TRIPLY PERIODIC MINIMAL SURFACE STRUCTURES For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) 3. Joshuah K. Stolaroff hereby sells, assigns, transfers, and conveys 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 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. \_\_\_\_\_\_, filed on \_\_\_\_\_ , filed on January 9, U.S. Patent Application Serial No. 16/243810 2019 International Application Serial , filed on No. 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, continuationin-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 ASSIGNOR(s) Pratana Oz executed this Signature of ASSIGNOR(s) 2/28/2019

Signature of ASSIGNOR(s)

executed this

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LLNL Case No.:	IL-
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Johnsh K. Stolaroff

PATENT REEL: 048644 FRAME: 0028

**RECORDED: 03/20/2019**