

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6350268

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIZIANA C. BOND	09/29/2020
MATTHEW A. HORSLEY	09/29/2020
SHERVIN KIANNEJAD	09/29/2020
TED LAURENCE	09/29/2020
TY SAMO	09/29/2020
PETER WEBER	09/29/2020
XIYU YI	09/29/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC
<b>Street Address:</b>	7000 EAST AVENUE
<b>City:</b>	LIVERMORE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94550
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17070654
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	077518-8132.US00
<b>NAME OF SUBMITTER:</b>	TATJANA MIRKOVIC
<b>SIGNATURE:</b>	/Tatjana Mirkovic/
<b>DATE SIGNED:</b>	10/14/2020

PATENT

**Total Attachments: 4**

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**ASSIGNMENT**

LLNL Record of Invention Case No. IL-13533 , entitled:

**3DQ-scope: A novel widefield 3D fluorescence microscope  
with an on-demand quantum entanglement light source for biological imaging**

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

- |                             |                              |
|-----------------------------|------------------------------|
| 1. <u>Tiziana C. Bond</u>   | 2. <u>Matthew A. Horsley</u> |
| 3. <u>Shervin Kiannejad</u> | 4. <u>Ted Laurence</u>       |
| 5. <u>Ty Samo</u>           | 6. <u>Peter Weber</u>        |
| 7. <u>Xiyu Yi</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. \_\_\_\_\_ , filed on \_\_\_\_\_
- 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  
September 29, 2020  
\_\_\_\_\_  
Date

Signature of ASSIGNOR(s)  
DocuSigned by:  
*Tiziana C. Bond*  
\_\_\_\_\_  
Tiziana C. Bond  
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September 29, 2020  
\_\_\_\_\_  
Date

Signature of ASSIGNOR(s)  
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*Matthew A. Horsley*  
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Matthew A. Horsley  
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Date

Signature of ASSIGNOR(s)  
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*Shervin Kiannejad*  
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Shervin Kiannejad  
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\_\_\_\_\_  
Date

Signature of ASSIGNOR(s)  
DocuSigned by:  
*Ted Laurence*  
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September 29, 2020  
\_\_\_\_\_  
Date

Signature of ASSIGNOR(s)  
DocuSigned by:  
*Ty Samo*  
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Ty Samo  
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September 29, 2020  
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Date

Signature of ASSIGNOR(s)  
DocuSigned by:  
*Peter Weber*  
\_\_\_\_\_  
Peter Weber  
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\_\_\_\_\_  
Date

Signature of ASSIGNOR(s)  
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Xiyu Yi

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Date

Signature of ASSIGNOR(s)

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Ty Samo

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Peter Weber

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Sept. 29, 2020

Date

Signature of ASSIGNOR(s)

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Xiyu Yi