

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6365226

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAN MCFARLAND PARK	11/21/2017
YONGQIN JIAO	11/21/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC
<b>Street Address:</b>	2300 FIRST STREET
<b>Internal Address:</b>	SUITE 204
<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>
Application Number:	16764824
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(626)792-1342
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<b>ATTORNEY DOCKET NUMBER:</b>	IL-13081
<b>NAME OF SUBMITTER:</b>	LUN-CONG DONG
<b>SIGNATURE:</b>	/Lun-Cong Dong, Reg. No. 66,135/
<b>DATE SIGNED:</b>	10/23/2020
<b>Total Attachments: 1</b>	
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ASSIGNMENT

LLNL Case No.: IL-13081

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

- 1. Dan McFarland Park
- 2. Yongqin Jiao

hereby sells, assigns and transfers 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 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:

**BIOSENSORS FOR DETECTING AND/OR NEUTRALIZING BIOAVAILABLE URANIUM AND RELATED U-SENSITIVE GENETIC MOLECULAR COMPONENTS, GENE CASSETTES, VECTORS, GENETIC CIRCUITS, COMPOSITIONS, METHODS AND SYSTEMS**

and which is found in

- U.S. provisional application no. 62/587,753, filed on 11/17/2017
- U.S. patent application serial no. 16/764,824, filed on 05/15/2020
- Int'l application serial no. PCT/US2018/061667, filed on 11/16/2018

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

11/21/2017  
Date

Signature of Inventor(s)

Dan McFarland Park

executed this

11/21/2017  
Date

Signature of Inventor(s)

Yongqin Jiao

PATENT