## 506564154 03/19/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6610933

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		CONFIRMATORY LICENSE (SEE DOCUMENT FOR DETAILS	
ONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
LAWRENCE LIVERMORE NATION		NAL SECURITY, LLC	03/05/2021
RECEIVING PARTY DA	TA		
Name:	U.S. DEPARTMENT OF ENERGY		
Street Address:	1000 INC	1000 INDEPENDENCE AVE., SW	
City:	WASHINGTON		
State/Country:	D.C.		
Postal Code:	20585		
Property Type		<b>Number</b> 6070943	
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## OZONE-ACTIVATED NANOPOROUS GOLD AND METHODS OF ITS USE

Cynthia Friend, Bob Madix, Branko Zugic, Lucun Wang, Michelle Personick, Juergen Biener and Monika Biener

DOE Docket No.: S-166,676 Contract Number: DE-AC52-07NA27344 Contractor: Lawrence Livermore National Security, LLC Lawrence Livermore National Laboratory

Docket No./Sub: 13566/A U.S. Patent Application S.N.: 16/070943 Filing Date: July 18, 2018 Waiver No.: W(C)08-001

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

WHEREAS, the above-identified invention is a subject invention under the above-identified contract;

WHEREAS, the above-identified Class Waiver of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention. It is understood and agreed that this instrument does not preclude the Government from asserting rights under the provisions of the above-identified contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

Signed on behalf of: LAWRENCE LIVERMORE NATIONAL SECURITY, LLC (Contractor)

Catherine Digitally signed by Catherine Chung Witness: Chung Date: 2021.03.09 Catherine Chung, Patent Assistant

Mark H. By: Lough By: Lough Mark H. Lough, Deputy General Counsel Lawrence Livermore National Laboratory P.O. Box 808, L-701 Livermore, CA 94551-0808

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