

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4716845

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC	11/27/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	U.S. DEPARTMENT OF ENERGY	
<b>Street Address:</b>	1000 INDEPENDNCE AVE., SW	
<b>City:</b>	WASHINGTON	
<b>State/Country:</b>	D.C.	
<b>Postal Code:</b>	20585	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15690687
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)586-7127	
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<b>SIGNATURE:</b>	/Brenda Banks/	
<b>DATE SIGNED:</b>	12/04/2017	
<b>Total Attachments: 1</b>		
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## CONFIRMATORY LICENSE

Application for: **Surface Treatment of Ultra-High Molecular Weight Polymers**  
Inventor(s): **Greg O'Bryan, Mitchell Anstey, Bryan Loyola**  
Serial Number: **15/690,687**  
Filing Date: **August 30, 2017**  
Contract No.: **DE-NA0003525**  
Contractor: **National Technology & Engineering Solutions of Sandia, LLC**

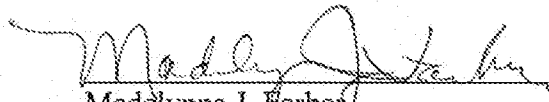
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract effective on May 1, 2017, governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered 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 invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said 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.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Date: 27 Nov. 2017

  
Madelynn J. Farber  
Senior Patent & Licensing Attorney  
Legal Technology Transfer Center

If the invention was made under a subcontract, please identify the Prime Contractor:

\_\_\_\_\_, Prime Contract No. \_\_\_\_\_