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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN PHILLIPS	04/04/2017

RECEIVING PARTY DATA

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Internal Address:	LC/TAS, MS A187	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8298615

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ATTORNEY DOCKET NUMBER:	S112927.002	
NAME OF SUBMITTER:	MAX C. DEAZEVEDO	
SIGNATURE:	/Max C. DeAzevedo/	
DATE SIGNED:	04/10/2017	

Total Attachments: 2

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PATENT 504314459 REEL: 041943 FRAME: 0962

ASSIGNMENT

WHEREAS, I, Jonathan Phillips, have invented certain invention(s), as described at least in part, in the following patent applications:

U.S. Provisional Patent Application No. 61/022,300, filed on January 18, 2008; and

U.S. Patent Application No. 12/355.265 filed January 16, 2009, now issued patent US8298615 granted October 30, 2012, entitled "Rapid Generation of Carbon Filament Structures of Controlled Geometries at Low Temperatures,"

which applications and invention(s) are collectively referred to as "the Invention."

WHEREAS, Los Alamos National Security, LLC, a Delaware Limited Liability Company, located at the Los Alamos National Laboratory, LC/TAS, P.O. Box 1663, Los Alamos, New Mexico 87545, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I. Jonathan Phillips, hereby sell, assign, and transfer to Los Alamos National Security, LLC, all right, title, and interest I have in and to the Invention and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Los Alamos National Security, LLC, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made and agree that I will communicate to Los Alamos National Security, LLC, or its successors and assigns, any facts known to me respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Los Alamos National Security, LLC, its successors, and assigns to obtain and enforce proper patent protection for the Invention in the United States or any foreign country.

I confirm that, at the time the Invention was made, I was under an obligation to assign the Invention to Los Alamos National Security, LLC.

I hereby grant the Los Alamos Security, LLC, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable

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legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite my signature below.

Al Monterey, CA

on this <u>\</u>day of <u>Arpril</u>, 2017