

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW D. SUTTON	11/12/2019
CAMERON M. MOORE	11/12/2019
ORION STAPLES	10/30/2019
TROY A. SEMELSBERGER	11/12/2019
WILLIAM L. KUBIC JR.	11/12/2019
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16431372
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NAME OF SUBMITTER:	JOHANNA P. SCHWARTZ
SIGNATURE:	/Johanna P. Schwartz/
DATE SIGNED:	11/13/2019

Total Attachments: 2

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ASSIGNMENT

WHEREAS, we, **Andrew D. Sutton**, of White Rock, NM, **Cameron M. Moore**, of White Rock, NM, **Orion Staples**, of Philadelphia, PA, **Troy A. Semelsberger**, of Los Alamos, NM, and **William L. Kubic, Jr.**, of White Rock, NM, have invented certain invention(s), as described at least in part, in U.S. Patent Application No. 16/431,372, filed on June 4, 2019, entitled "SYSTEM AND METHOD FOR MAKING FUELS," which application and invention(s) are collectively referred to as "the Invention."

WHEREAS, **Triad 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, we, **Andrew D. Sutton, Cameron M. Moore, Orion Staples, Troy A. Semelsberger, and William L. Kubic, Jr.** hereby sell, assign, and transfer to Triad National Security, LLC, all right, title, and interest we 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 Triad 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 we will communicate to Triad National Security, LLC, or its successors and assigns, any facts known to us 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 Triad 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.

We confirm that, at the time the Invention was made, we were under an obligation to assign the Invention to Triad National Security, LLC.

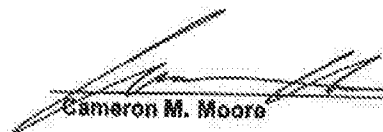
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal

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 our respective signatures below.


Andrew D. Sutton

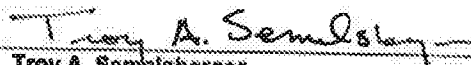
At Los Alamos, NM
(City and State)
on this 12th day of NOVEMBER, 2019.


Cameron M. Moore

At Los Alamos, NM
(City and State)
on this 12th day of November, 2019.


Orion Staples

At Philadelphia, PA
(City and State)
on this 30th day of October, 2019.


Troy A. Semelsberger

At Los Alamos, NM
(City and State)
on this 12th day of Nov, 2019.


William L. Kubic, Jr.

At White Rock, NM
(City and State)
on this 12th day of November, 2019.