507042757 12/22/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
CAMERON MOORE	12/20/2021
ANDREW SUTTON	12/20/2021
XIAOKUN YANG	12/15/2021

RECEIVING PARTY DATA

Name:	TRIAD NATIONAL SECURITY, LLC	
Street Address:	LOS ALAMOS NATIONAL LABORATORY LC/TAS	
Internal Address:	P.O. BOX 1663	
City:	LOS ALAMOS	
State/Country:	NEW MEXICO	
Postal Code:	87545	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17559034

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	8472-105213-02	
NAME OF SUBMITTER:	JOHANNA P. SCHWARTZ	
SIGNATURE: /Johanna P. Schwartz/		
DATE SIGNED:	12/22/2021	

Total Attachments: 4

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> PATENT REEL: 058464 FRAME: 0551

ASSIGNMENT

WHEREAS, we, Cameron	Moore, of White Ro	ick, NM, Andre	w Sutton, of (Dak Ridg	e, TN, and
Xiaokun Yang, of Santa Fe, NM, I	nave invented certain	ninvention(s), s	as described at	least in	part, in the
following patent application:	17/559 034		ecember 22		entitled

U.S. Patent Application No. 17/559,034 filed on December 22, 2021 entitled "METHOD FOR MAKING SUBSTITUTED FURAN COMPOUND EMBODIMENTS AND DERIVATIVES THEREOF,"

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 1863, 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, Cameron Moore, Andrew Sutton, and Xiaokun Yang 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, ELC, 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 testfy 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

PATENT REEL: 058464 FRAME: 0552 requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposits our respective signatures below.

	Gameron Moore	
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	Andrew Sutton	
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	Xiaokun Yang	
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	, 20	Andrew Sutton 2021 Xiaokun Yang

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.

			Cameron Moore	
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			Xiaokun Yang	
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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.

At		Cameron Moore
(City and State)		
on this day of	, 20	
		Andrew Sutton
At		> 0
(City and State)		
on this day of	, 20	
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At Santa Fe, NM		Xiaokun Yang
on this 15th day of Desember	Koc	

PATENT REEL: 058464 FRAME: 0555

RECORDED: 12/22/2021