506040347 04/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6087062

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMANDA LYNN DUQUE	04/30/2020
WILLIAM LEE PERRY	04/30/2020

RECEIVING PARTY DATA

Name:	TRIAD NATIONAL SECURITY, LLC	
Street Address:	LOS ALAMOS NATIONAL LABORATORY	
Internal Address:	LC/IP	
City:	LOS ALAMOS	
State/Country:	NEW MEXICO	
Postal Code:	87545	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16864021

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ATTORNEY DOCKET NUMBER:	1620.0111CIP
NAME OF SUBMITTER:	DIANA KERR
SIGNATURE:	/Diana Kerr/
DATE SIGNED:	04/30/2020

Total Attachments: 3

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PATENT 506040347 REEL: 052543 FRAME: 0511

Attorney Docket No.: 1620.0111CIP DOE Reference: S-133,824.000

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

- (A) Amanda Lynn DUQUE, a citizen of the United States; and
- (B) William Lee PERRY, a citizen of the United States;

(hereinafter referred to as ASSIGNORS), have made a discovery and/or invention entitled:

MICROWAVE IGNITION SYSTEMS WITH LAUNCHER AFFIXED TO OR LOCATED WITHIN A GUN SPINDLE

for which application for Letters Patent of the United States has been filed on April 30, 2020 , under Application No. 16/864,021 , and

WHEREAS:

Triad National Security, LLC, a Delaware Limited Liability Company, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545,

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title, and interest to the invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for the invention by the application or any continuation, continuation-in-part, divisional, reexamination, reissue and/or any other application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I/WE, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for the invention to the ASSIGNEE, as assignee of the entire right, title, and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

I/WE, SAID ASSIGNOR(S), hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I/we have full right to convey the entire right, title, and interest herein sold, assigned, transferred, and set over.

I/WE, SAID ASSIGNOR(S), hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on the invention and claim the benefits of the International Convention, and that I/we will, at any time, when called upon to do so by the ASSIGNEE, communicate to the

PATENT REEL: 052543 FRAME: 0512

Attorney Docket No.: 1620.0111CIP DOE Reference: S-133,824.000

ASSIGNEE as the case may be, any facts known to me respecting the invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the invention, the applications, and the Letters Patent in the ASSIGNEE, and that if reissues or reexaminations of the Letters Patent or disclaimers relating thereto, or divisionals, continuations, or continuations-in-part of the application shall hereafter be desired by the ASSIGNEE, I/we will, at any time, when called upon to do so by the ASSIGNEE, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuations-in-part, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for the invention in all countries, all without further compensation but at the expense of the ASSIGNEE.

I/WE, SAID ASSIGNOR(S), hereby authorize and request the prosecuting law firm to insert herein above the application number and filing date of said application when known.

//SIGNATURE PAGE FOLLOWS//

Attorney Docket No.: 1620.0111CIP DOE Reference: S-133,824.000

executed this Signature of Inventors

4/30/2020 Omanda Lynn DUQUE

Date Amanda Lynn DUQUE

، DocuSigned by:

4/30/2020 William Lee Perry

Date William Lee PERRY