

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK EDWIN` KREPEL	05/29/2020
RECEIVING PARTY DATA	
Name:	LEIDOS, INC.
Street Address:	11951 FREEDOM DRIVE
City:	RESTON
State/Country:	VIRGINIA
Postal Code:	20190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16539814
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	LEID0030-US
NAME OF SUBMITTER:	DAWN-MARIE BEY, REG. NO. 44,442
SIGNATURE:	/DAWN-MARIE BEY/
DATE SIGNED:	07/27/2020
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, James Charles LUNDBERG, Christopher Hochuli FISHER, and Mark Edwin KREPEL (referred to as "ASSIGNOR") have invented certain new and useful inventions and discoveries described in the application for patent entitled **QUANTUM DETECTION AND TRACKING OF PULSED OPTICAL SIGNALS**,

for which a provisional patent application for a United States Patent was filed with the United States Patent and Trademark Office on _____, as Serial Number _____;

X for which a utility patent application for a United States Patent was filed with the United States Patent and Trademark Office on 8/13/19, as Serial Number 16/539,814; and

WHEREAS, **Leidos, Inc.**, a corporation doing business at **11951 Freedom Drive, Reston, VA 20190** (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said inventions and discoveries, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said inventions and discoveries 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 said inventions and discoveries by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for these inventions and discoveries to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said inventions and discoveries and said Letters patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said inventions and discoveries and said

Letters patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>
1)	_____ James Charles LUNDBERG	_____
2)	_____ Christopher Hochuli FISHER	_____
3)	_____/Mark Edwin Krepel/_____ Mark Edwin KREPEL	_____/5/29/2020_____