

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Brandon F. Redding	08/21/2024
Clay K. Kirkendall	08/21/2024
RECEIVING PARTY DATA	
Company Name:	The Government of the United States, as represented by the Secretary of the Navy
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Internal Address:	Suite 1425
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22203
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17935958
Application Number:	63261763
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:	210804-US2
NAME OF SUBMITTER:	Scott Hatfield
SIGNATURE:	Scott Hatfield
DATE SIGNED:	08/22/2024
Total Attachments: 5	
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ASSIGNMENT BY INVENTORS (UNITED STATES PATENTS)

THIS ASSIGNMENT is made by Brandon F. Redding and Clay K. Kirkendall (hereinafter referred to as "Assignors"), residing in University Park, Maryland, and Fairfax, Virginia, respectively;

WHEREAS, Assignors, while employed by the Government of the United States, have invented certain new and useful improvements in MULTIPLEXED LONG-RANGE FIBER OPTIC SENSING, set forth in a non-provisional patent application for a United States Patent filed on September 28, 2022, as U.S. Patent Application No. 17/935,958 , and in a provisional patent application filed on September 28, 2021, as U.S. Patent Application No. 63/261,763; and

WHEREAS, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application(s) for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

WHEREAS, by acquiring the Assignors' entire right, title, and interest in and to the invention the Government will be enabled to license the invention and share the income from the licensing with the Assignors as allowed by law;

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the Assignors' entire right, title, and interest therein, including the foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have assigned,

transferred, and set over and by these presents does assign, transfer, and set over unto the Government, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions and application(s) for Letters Patent; in and to any and all direct and indirect divisions, continuations, and continuations-in-part of said application(s); in and to any and all Letters Patent in the United States and in all other Patent Cooperation Treaty member states which may be granted therefor and thereon; and in and to any reissues, reexaminations, and extensions of said Letters Patent; and in and to all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government for its own use and benefit and the use and benefit of its successors, legal representatives, and assigns to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to the Government, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and/or interests that have arisen to the Government under law or that have already been transferred to the Government, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application(s) for Letters Patent above-mentioned, that the same are unencumbered, and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with the Government, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of any Letters Patent and applications for Letters Patent for said inventions in the U.S. or any foreign country, without charge to the Government, its successors, legal representatives, and assigns, whenever counsel of the Government, or counsel of its successors, legal representatives, and assigns, shall advise: that any proceeding in connection with said inventions or said Patent application(s) for Letters Patent,

or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions, including but not limited to interference proceedings, is lawful and desirable; or that any division, continuation, or continuation-in-part of any application(s) for Letters Patent or any reissue, reexamination, or extension of any Letters Patent to be obtained thereon is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of the Government, its successors, legal representatives, and assigns.

AND the Assignors do hereby also grant unto the Government the right to claim priority to the application(s) identified above.

AND the Assignors hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application(s), any continuation, division, or substitution of the application(s), or any application(s) for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

AND Assignors hereby appoint all practitioners at Customer Number 26384, all of US Naval Research Laboratory, 4555 Overlook Ave, SW, Code 1008.2, Washington, DC 20375, jointly, and each of them severally, as their attorneys at law/patent agent(s), with full power of substitution, delegation, and revocation, to prosecute the above-mentioned application(s) any and all reissues, reexaminations and extensions of said Letters Patent which may be granted therefor and thereon, to make alterations and amendments therein, and to transact all business in the U. S. Patent and Trademark Office and in all other Patent Cooperation Treaty member states and to prosecute and protect all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable (including the Application Serial Number and filing date, when known) in order to comply with the rules of the United States Patent and Trademark Office and any foreign patent office for recordation of this document:

US NAVAL RESEARCH LABORATORY

All practitioners at Customer Number 26384.

Date: _____ Signature: REDDING.BRAND Digitally signed by
ON.F.1464899193 REDDING.BRANDON.F.1464899193
Date: 2024.08.21 16:22:02 -04'00'

Brandon F. Redding, Assignor

Date: _____

Signature: KIRKENDALL.CLAY.K
INGSLEY.1229503800
Clay K. Kirkendall, Assignor

Digitally signed by
KIRKENDALL.CLAY.KINGSLEY.122
9503800
Date: 2024.08.21 17:06:34 -04'00'