

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AARON DAVID KAHN	04/23/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Government of the United States of America, as represented by the Secretary of the Navy
<b>Street Address:</b>	One Liberty Ctr., 875 North Randolph St., Suite 1425
<b>Internal Address:</b>	Chief of Naval Research, Office of Counsel (ATTN: CODE OCCCIP)
<b>City:</b>	Arlington
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22203
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US1858764
<b>Application Number:</b>	16178296
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	106442-US2 -WO1 CORR'D
<b>NAME OF SUBMITTER:</b>	ROY ROBERTS
<b>SIGNATURE:</b>	/Roy Roberts/
<b>DATE SIGNED:</b>	04/23/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b> source=106442-assignment-and-dec#page1.tif	

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## ASSIGNMENT BY INVENTOR (FOREIGN PATENTS)

**THIS ASSIGNMENT**, made by Aaron David Kahn (hereinafter referred to as Assignor);

**WHEREAS**, Assignor, while employed by the Government of the United States, has invented certain new and useful improvements in Improved Atmospheric Thermal Location Estimation, set forth in a Provisional application for Letters Patent of the United States, filed on November 2, 2017 as U.S. Application No. 62/580536, and in U.S. and International Patent applications, filed herewith; and

**WHEREAS**, Assignor has assigned and transferred to the United States of America as represented by the Secretary of the Navy, and hereinafter called the Government, the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application(s) and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof;

**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 to be obtained therefor and thereon within the following foreign countries:

All Patent Cooperation Treaty member states;

**WHEREAS**, by acquiring the Assignor's 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 Assignor as allowed by law;

**NOW, THEREFOR**, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has

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, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application(s), and any and all Letters Patent in the above listed countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and 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 Assignor, had this assignment not been made. This assignment is made nunc pro tunc .

**AND** for the same consideration, Assignor hereby represents and warrants 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, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application(s) for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with the Government, its successors, legal representatives and assigns, that Assignor 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 above listed countries, 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** the Assignor does hereby also grant unto the Government, the right to claim priority to the application(s) identified above.

**AND** the Assignor hereby further agrees 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) and of 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** Assignor hereby appoints 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, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute the above-mentioned application(s), to make alterations and amendments therein, and to transact all business in the U. S. Patent and Trademark Office connected therewith and in all other Patent Cooperation Treaty member states which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government.

**AND** Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of any foreign patent office for recordation of this document:

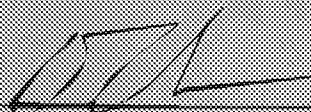
US NAVAL RESEARCH LABORATORY

All practitioners at USPTO Customer Number 26384.

**AND** Assignor further attests to the following: I declare that the above-identified application was made or authorized to be made by me. I believe I am the

original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: 4/23/2020

Signature:   
Aaron David Kahn, Assignor

Date: 4-23-20

Witness Signature: Laura H. Kahn

Date: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: 04/23/2020

Signature: Kerry L. Broome  
Kerry L. Broome  
Associate Counsel, IP  
Naval Research Laboratory;  
Authorized Representative for  
Assignee, The Government of the  
United States of America