

## 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>
STEPHEN C. CROUCH	03/26/2019
KRISHNA MOHAN RUPAVATHARAM	03/26/2019
EMIL A. KADLEC	03/26/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BLACKMORE SENSORS & ANALYTICS, INC.
<b>Street Address:</b>	136 ENTERPRISE BLVD.
<b>City:</b>	BOZEMAN
<b>State/Country:</b>	MONTANA
<b>Postal Code:</b>	59718
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16681663
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)672-5399
<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>	
<b>Phone:</b>	4142712400
<b>Email:</b>	mmathes@foley.com, IPdocketing@foley.com
<b>Correspondent Name:</b>	BLAKE HOLT
<b>Address Line 1:</b>	3000 K STREET N.W., SUITE 600
<b>Address Line 2:</b>	FOLEY & LARDNER LLP
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007-5109
<b>ATTORNEY DOCKET NUMBER:</b>	120261-1069
<b>NAME OF SUBMITTER:</b>	BLAKE L. HOLT
<b>SIGNATURE:</b>	/ Blake L. Holt /
<b>DATE SIGNED:</b>	06/05/2020
<b>Total Attachments: 2</b>	
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source=62783749_AssignmentExedComplete#page2.tif	

**ASSIGNMENT OF PATENT APPLICATION**

FOR GOOD AND VALUABLE CONSIDERATION, receipt of which is hereby expressly acknowledged, we, the undersigned (each) have agreed and hereby agree to assign, and do hereby sell, assign and transfer unto

**Blackmore Sensors and Analytics Inc.**

having its principal place of business at 136 Enterprise Blvd., Bozeman, MT 59718, a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

**METHOD AND SYSTEM FOR DOPPLER DETECTION WITH SINGLE-SIDEBAND PILOT TONE FOR PHASE-ENCODED LIDAR**

described in an application for Letters Patent of the United States, identified as Attorney Docket No. 15114-017US0, at Beusse Wolter Sanks & Maire PLLC, P.O. Box 231, Manassas, Virginia 20108, and filed on 12/21/2018 as Application Serial No. 62/783,749, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, international applications, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

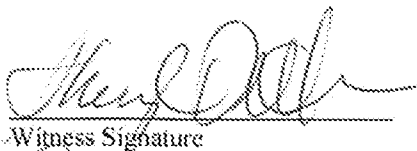
IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



Inventor's Signature

3/26/2019  
DATE

Stephen C. Crouch  
Inventor's Printed Name

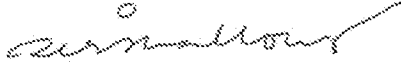


Witness Signature

Sheryl Dettmann  
Witness Printed Name

3/26/2019  
DATE

ASSIGNMENT OF PATENT APPLICATION



Inventor's Signature

03/26/2019

DATE

Krishna Mohan Rupavatharam

Inventor's Printed Name



Witness Signature

3/26/2019

DATE

Sheryl Dettmann

Witness Printed Name



Inventor's Signature

3/26/2019

DATE

Emil A. Kadlec

Inventor's Printed Name



Witness Signature

3/26/2019

DATE

Sheryl Dettmann

Witness Printed Name