

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4753084

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN G. KUSTERS JR.	12/18/2017
WILLIAM M. KUSTERS	12/22/2017
MAXIMILIAN LEONARD	12/06/2017
CHRISTOPHER S. BRUNDICK	12/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLIED PHYSICAL SCIENCES CORP.
<b>Street Address:</b>	475 BRIDGE STREET
<b>Internal Address:</b>	SUITE 100, KINGSBRIDGE SQUARE
<b>City:</b>	GROTON
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06340
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15822819
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	014.4066US
<b>NAME OF SUBMITTER:</b>	S. JARED PITTS
<b>SIGNATURE:</b>	/S. JARED PITTS/
<b>DATE SIGNED:</b>	12/28/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

**WHEREAS**, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

**SYSTEMS AND METHODS FOR WAVE SENSING AND SHIP MOTION FORECASTING WITH OPERATIONAL PERIOD INDICATORS**

for which application for Letters Patent of the United States:

- has been executed on even date herewith;
- executed on \_\_\_\_\_;
- was filed on November 27, 2017 and assigned U.S. Application Serial No. 15/822,819;

**AND WHEREAS**, Applied Physical Sciences Corp., a corporation having a place of business at 475 Bridge Street, Suite 100, Kingsbridge Square, Groton CT, 06340 and (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

**AND WHEREAS**, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND ASSIGNOR HEREBY AGREES** to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

**ASSIGNOR AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

**ASSIGNOR** hereby authorizes ASSIGNEE, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

**EXECUTED** as of the date(s) written below by ASSIGNOR:

Inventor's Signature:  Date: 12/18/2017

Inventor's Printed Name: **John G. Kusters, Jr.**

Inventor's Signature:  Date: 12/22/2017

Inventor's Printed Name: **William M. Kusters**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **Maximilian Leonard**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **Christopher S. Brundick**

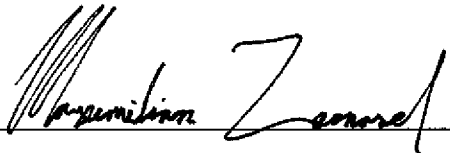
**EXECUTED** as of the date(s) written below by ASSIGNOR:

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **John G. Kusters, Jr.**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **William M. Kusters**

Inventor's Signature:  Date: 12/6/17

Inventor's Printed Name: **Maximilian Leonard**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **Christopher S. Brundick**

**EXECUTED** as of the date(s) written below by ASSIGNOR:

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

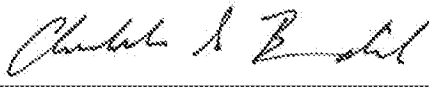
Inventor's Printed Name: **John G. Kusters, Jr.**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **William M. Kusters**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's Printed Name: **Maximilian Leonard**

Inventor's Signature:  \_\_\_\_\_ Date: 12/6/2017

Inventor's Printed Name: **Christopher S. Brundick**