

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6891243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES Y. JIANG	04/21/2021
ALEX E. CABLE	04/22/2021
RECEIVING PARTY DATA	
Name:	THORLABS, INC.
Street Address:	56 SPARTA AVENUE
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Postal Code:	07860
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17257251
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ATTORNEY DOCKET NUMBER:	079445-1212610-004910US
NAME OF SUBMITTER:	SYLVIA E. TITTEL
SIGNATURE:	/Sylvia E. Tittel/
DATE SIGNED:	08/30/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
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source=2021-08-30_ASN-THORLABS_079445-1212610-004910US#page2.tif	

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, James Y. JIANG of Newton, New Jersey, USA; and Alex E. Cable of Newton, New Jersey, USA are the inventors of an invention entitled "COMBINED FREQUENCY AND ANGLE COMPOUNDING FOR SPECKLE REDUCTION IN ULTRASOUND IMAGING" that is the subject matter of: (check all that apply)

- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. ###/###/### filed on Month Day, Year;
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 17/257,251 filed on December 30, 2020 and/or executed on even date herewith; and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Patent and Trademark Office by Application No. ###/#####/##### filed on Month Day, Year, and/or executed on even date herewith;

WHEREAS, Thorlabs, Inc., a company duly incorporated under the laws of the State of New Jersey and the United States of America, and having offices at 56 Sparta Avenue, Newton, New Jersey, USA, ("Assignee") is desirous of acquiring the entire right, title, and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

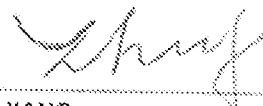
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified applications, the right to claim priority, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries, and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors, and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation, or proceeding.

The above-identified application was made or authorized to be made by me. I believe that 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. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR

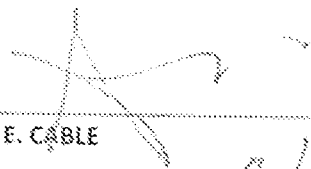
1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.



James Y. JIANG

4/21/2021

Date



Alex E. CABLE

4/22/2021

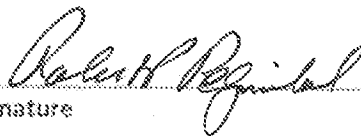
Date

SIGNED FOR AND ON BEHALF OF THE ASSIGNEE,

Thorlabs, Inc.

April 22, 2021

Date



Signature

Robert P. Regimbal

Name

CFO

Position