PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIHONG WANG	09/13/2019
JUNHUI SHI	09/13/2019
KONSTANTIN MASLOV	09/13/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16560680
PCT Number:	US1949594

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NAME OF SUBMITTER:	DHARTI SHAH
SIGNATURE:	/Dharti Shah/
DATE SIGNED:	09/16/2019

Total Attachments: 2

source=CIT1P045US-WO-CIT8079US-PCT_COMPLETE_Assignment_Signed#page1.tif source=CIT1P045US-WO-CIT8079US-PCT COMPLETE Assignment Signed#page2.tif

PATENT REEL: 050385 FRAME: 0395 505673539

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned named inventor, possess the right, title and interest for and in the Invention(s) as set forth in the patent application titled: "ENHANCED-RESOLUTION INFRARED PHOTOACOUSTIC MICROSCOPY AND SPECTROSCOPY" (Caltech Case No.: CIT 8079/-PCT; WAVS Docket No. CIT1P045US/WO), and

(1) for which I have executed a U.S. patent application;

Caltech Case No.: CIT 8079

AND/OR

(2) the same having been filed on (September 4, 2019) as Application No. (16/560,680);

AND

(3) which is also an International Patent Application filed on (<u>September 4, 2019</u>) as Application No. (<u>PCT/US19/49594</u>);

in connection with which I hereby authorize and request the assignee's attorneys associated with Customer Number 42451 to insert within the foregoing parentheses the filing date and/or Application No. of said application when known.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned named inventor, hereby:

- 1) Sell, assign and transfer to California Institute of Technology, having a place of business at 1200 East California Blvd., Pasadena, California 91125 ("ASSIGNEE"), the entire right, title and interest, including the right to claim priority, in the above-referenced application including any and all improvements and inventions disclosed therein, and in U.S. and foreign applications based upon, and U.S. and foreign patents granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the named inventor, as well as the named inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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Typed Name:

Signed on the date indicated beside my signature.

1) Signature: Date: 09/13/2019

Typed Name: Lihong Wang

2) Signature: Date: 09/13/2019

Digitally signed by Konstantin

Typed Name: Junhui Shi

Maslov
Discretech, oue-Caltech, oue-Caltech,

Konstantin Maslov