

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4855748

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHEN XU	10/25/2013
RYAN M. MILLER	10/28/2013
ADAM MAXWELL	11/15/2013
CHARLES A. CAIN	10/29/2013
RECEIVING PARTY DATA	
Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Street Address:	OFFICE OF TECHNOLOGY TRANSFER
Internal Address:	1600 HURON PARKWAY, 2ND FLOOR
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48109
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15713441
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	10860-513.300/UM-5538
NAME OF SUBMITTER:	JUSTIN P. THOMAS, REG. 63301
SIGNATURE:	/Justin P. Thomas/
DATE SIGNED:	03/07/2018
Total Attachments: 7	

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RECORDATION FORM COVER SHEET
PATENTS ONLY

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

(1) Zhen XU (10.25.2013)
 (2) Ryan M. MILLER (10.28.2013)
 (3) Adam MAXWELL (11.15.2013)
 (4) Charles A. CAIN (10.29.2013)

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):

Name: **THE REGENTS OF THE UNIVERSITY OF MICHIGAN**
 Office of Technology Transfer
 1600 Huron Parkway, 2nd Floor
 Ann Arbor, MI 48109

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Name and address of receiving party(ies):

Name:
 Street Address:
 City: State: Zip:
 Country:
 Additional name(s) & address(es) attached?
 Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No (s) – **15/713,441**
 Title: **Bubble-Induced Color Doppler Feedback During Histotripsy**

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Justin P. Thomas
Shay Glenn LLP
2755 Campus Drive, Suite 210
San Mateo, CA 94403

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$0

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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Justin P. Thomas, # 63,301 / **Justin P. Thomas/** **March 7, 2018**
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 7

DECLARATION AND ASSIGNMENT¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

BUBBLE-INDUCED COLOR DOPPLER FEEDBACK DURING HISTOTRIPSY

As a below named inventor, I hereby declare that:

This declaration is directed to (check one):

- The attached application, or
- United States application or PCT international application number 14/046,024 filed on October 4, 2013.

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 above-identified application.

I hereby acknowledge that any willful false statement made in this Declaration and Assignment 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.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to The Regents of The University of Michigan, 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or

¹ This form requires an ADS if one has not yet been filed.

DECLARATION AND ASSIGNMENT

indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

DECLARATION AND ASSIGNMENT

ZHEN XU
ZHEN XU

State of Michigan)
County of Washtenaw) ss.

On this 25 day of October, 2013, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Angelina Scheideman
Notary Public, Angelina Scheideman
Oakland County
Acting in the County of Washtenaw

(seal) ANGELINA SCHEIDEMAN
Notary Public, State of Michigan
County of Oakland
My Commission Expires Aug. 05, 2015
Acting in the County of Washtenaw

State of Michigan

My Commission Expires AUG 05, 2015

RYAN M. MILLER

State of _____)
County of _____) ss.

On this _____ day of _____, 2013, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

(seal)

Acting in the County Of

State Of

My Commission Expires

DECLARATION AND ASSIGNMENT

Adam Maxwell
ADAM MAXWELL

11/15/13
Dated

CHARLES A. CAIN

Dated

Brian MacConaghy
Witness

Witness

Witness

Witness

18120650.1

DECLARATION AND ASSIGNMENT

ADAM MAXWELL

Witness

Dated

Witness

Charles A Cain

CHARLES A. CAIN

Kathleen A McCrumb

Witness

10/29/17

Dated

Kathleen A McCrumb

Witness

18120650.1