503195007 02/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3241624

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| TIMOTHY L. HALL | 07/16/2014 |
| ADAM D. MAXWELL | 07/17/2014 |

RECEIVING PARTY DATA

| Name: | THE REGENTS OF THE UNIVERSITY OF MICHIGAN |
|-------------------|---|
| Street Address: | 1600 HURON PARKWAY, 2ND FLOOR |
| Internal Address: | OFFICE OF TECHNOLOGY TRANSFER |
| City: | ANN ARBOR |
| State/Country: | MICHIGAN |
| Postal Code: | 48109 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14323693 |

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: SAN MATEO, CALIFORNIA 94403

| ATTORNEY DOCKET NUMBER: | 10860-515.200/UM-5851 |
|-------------------------|------------------------------|
| NAME OF SUBMITTER: | JUSTIN P. THOMAS, REG. 63301 |
| SIGNATURE: | /Justin P. Thomas/ |
| DATE SIGNED: | 02/25/2015 |

Total Attachments: 4

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PATENT 503195007 REEL: 035031 FRAME: 0301

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PATENT REEL: 035031 FRAME: 0302

ATTORNEY DOCKET NO. 10860-515.200/UM-5851

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET

PATENT AND TRADEMARK OFFICE

| PATENTS ONLY | |
|---|---|
| TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT ORIGINAL DOCUMENTS OR COPY THEREOF. | FAND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED |
| Name of conveying party(ies): | Name and address of receiving party(ies): |
| (1) Timothy L. HALL (07.16.2014) (2) Adam D. MAXWELL (07.17.2014) Additional name(s) of conveying party(ies) attached? Yes No | Name: THE REGENTS OF THE UNIVERSITY OF MICHIGAN Office of Technology Transfer 1600 Huron Parkway, 2 nd Floor Ann Arbor, MI 48109 |
| 3. Nature of Conveyance: | Name and address of receiving party(ies): |
| Assignment Merger | Name: |
| | Street Address: |
| Security Agreement Change of Name | City: State: Zip: |
| Other | 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) – 14/323,693 | B. Patent No.(s) |
| Title: Histotripsy Excitation Sequences Optimized for Bubble Cloud Formation Using Shock Scattering | |
| Additional nu | mbers 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 | Total number of applications and patents involved: 1 |
| San Mateo, CA 94403 | 7. Total fee (37 CFR 3.41): \$0 |
| DO NOT USE | E THIS SPACE |
| Statement and signature. | |
| To the best of my knowledge and belief, the foregoing information original document. | ation is true and correct and any attached copy is a true copy of the |
| Justin P. Thomas, # 63,301 | Signature February 3 , 2015 Date |
| Name of Person Signing Total | number of pages including cover sheet, attachments, and documents: 4 |

PATENT REEL: 035031 FRAME: 0303

ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 10860-515.200 / UM-5851

This Assignment of Patent Application is between:

Timothy L. HALL of Ann Arbor, MI; and **Adam D. MAXWELL** of Seattle, WA,

(hereinafter referred to as "Inventor") and

THE REGENTS OF THE UNIVERSITY OF MICHIGAN, Office of Technology Transfer, having a place of business at 1600 Huron Parkway, 2nd Floor, Ann Arbor, MI 48109 (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"HISTOTRIPSY EXCITATION SEQUENCES OPTIMIZED FOR BUBBLE CLOUD FORMATION USING SHOCK SCATTERING"

for which an application for a United States Patent was filed on **July 3, 2014** and assigned Application No. **14/323,693**.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any

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ASSIGNMENT OF PATENT APPLICATION

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said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

| 7/14/14 | The Han |
|---------|-----------------|
| Date | Tomothy L. HALL |
| | |
| | |
| Date | Adam D. MAXWELL |

ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 10860-515.200 / UM-5851

said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

| Date | Tomothy L. HALL |
|---------|-----------------|
| 7-17-14 | at mound |
| Date | Adam D. MAXWELL |

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