502818281 05/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2864876

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| STANISLAV EMELIANOV | 12/17/2013 |
| JIMMY SU | 11/12/2013 |
| BO WANG | 12/10/2013 |
| ANDREI KARPIOUK | 12/06/2013 |
| YUN-SHENG CHEN | 12/11/2013 |
| WOLFGANG FREY | 11/19/2013 |
| RICHARD BOUCHARD | 12/04/2013 |
| KIMBERLY HOMAN | 11/06/2013 |

RECEIVING PARTY DATA

| Name: | BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM |
|-----------------|--|
| Street Address: | 201 W. 7TH STREET |
| City: | AUSTIN |
| State/Country: | TEXAS |
| Postal Code: | 78701 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13277074 |

CORRESPONDENCE DATA

Fax Number: (512)322-8330

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

Phone: 512.322.2601

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Correspondent Name: BAKER BOTTS L.L.P.

Address Line 1: 910 LOUISIANA STREET

Address Line 2: ONE SHELL PLAZA

Address Line 4: HOUSTON, TEXAS 77002

| ATTORNEY DOCKET NUMBER: | 065715.0318 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | TRACY E. PEREZ |
| SIGNATURE: | /Tracy E. Perez/ |

| DATE SIGNED: | 05/21/2014 |
|----------------------------------|------------|
| Total Attachments: 10 | |
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ASSIGNMENT

ASSIGNMENT OF INVENTION

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This assignment ("Assignment") is made by the undersigned inventor(s) of residence as listed (collectively, the "Assignors") to **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** ("Assignee"), having a place of business at 201 W. 7th Street, Austin, Texas 78701, USA.

RECITALS

- A. The Assignors have invented a new and useful invention entitled COMBINED ULTRASOUND AND PHOTOACOUSTIC IMAGING OF METAL OBJECTS.
- B. The parties desire to have a recordable instrument assigning from the Assignors to the Assignee their entire right, title, and interest in and to the above-identified invention, in any form or embodiment thereof, whether or not claimed in any patent or patent application, patent application, and patent application that may be filed throughout the world and all Letters Patent that may be granted or issued, for the invention or that derive a right of priority from the application (including without limitation, all divisional, continuation, continuation-in-part, request for continued examination, and continued prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof and its related U.S. Patent Application Serial No. 13/277,074 filed on October 19, 2011, also entitled COMBINED ULTRASOUND AND PHOTOACOUSTIC IMAGING OF METAL OBJECTS (the invention, patent application, and Letters Patent collectively, the "Invention").

AGREEMENT

NOW, THEREFORE, in accordance with their obligations to assign the Invention, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of the Assignors agrees to the foregoing and as follows:

1. Each of the Assignors does and will sell, assign, and transfer to Assignee such Assignor's entire right, title, and interest in and to the Invention, including, without limitation, the rights to file foreign patent applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

HOU03:1284113.1

ASSIGNMENT

Attorney Docket No.: 065715.0404 Client Ref. 5765/5923 EME

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- Each of the Assignors agrees that, upon request and without further 2. compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Invention in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to the Invention in the United States and throughout the world. In the event that Assignee is unable for any reason to secure any of the Assignors' signatures to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Invention, in the Unites States and throughout the world, or for perfecting, recording, or maintaining the title of Assignce, and Assignee's successors and assigns, in and to the Invention in the Unites States and throughout the world, each such Assignor hereby irrevocably designates and appoints Assignee and Assignce's duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.
- 3. Each of the Assignors authorizes and requests the Assistant Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each Invention to Assignee, its successors and assigns, as the assignee of the entire interest in such Letters Patent.
- This Assignment constitutes the entire agreement with respect to its subject matter and supersedes all prior or contemporaneous oral or written agreements concerning such subject matter. No waiver, amendment, or modification of this Assignment shall be effective against the Assignee, unless in writing executed by a duly authorized representative of the Assignee.

HOU03:1284113.1

Signature:

Name: Stanislav Emelianov

Residence (City, County, State):

Austin, Travis County, Texas

In the State of Texas

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In the County of Travis

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Attorney Docket No.: 065715.0404 Client Ref. 5765/5923 EME

| Signature: | Date: 11/12/2013 |
|--|---|
| Name: Jimmy Su Residence (City, County, State): | Austin, Travis County, Texas |
| In the State of Texas In the County of Travis | § § |
| personally appeared Jimmy Su, kn | d authority, on this day of, 2013 own to me to be the person whose name is subscribed to the dged to me that he executed the same of his own free will for ein expressed. |
| | Notary or Consular Officer |

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| Signature: Name: Bo Wang | Date: <u>Desc. 10.2019</u> |
|--------------------------------------|--|
| Residence (City, County, State): | Portland, Washington County, Oregon |
| personally appeared Bo Wang, known t | hority, on this /C day of ARCARA, 2013 to me to be the person whose name is subscribed to the to me that he executed the same of his own free will-for-pressed. Notary or Consular Officer RYLE MICHAEL MC BROOM NOTARY PUBLIC OREGINA NOTARY PUBLIC OREGINAL SEAL NOTARY PUBLIC OR SEAL NOTARY PUBLIC PU |

Attorney Docket No.: 065715,0404 ASSIGNMENT 6 Client Ref. 5765/5923 EME 12/6/2013 Signature: Name: Andrei Marpiouk Residence (City, County, State): Austin, Travis County, Texas In the State of Texas 800 In the County of Travis Before me, the undersigned authority, on this personally appeared Andrei Karpiouk, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. Control of the contro —Notary or Consular Officer

of surrounding

| Signature: Name: Yun-Sheng Chen | <u> </u> |
|--|---|
| Residence (City, County, State); | Austin, Travis County, Texas |
| personally appeared Yun-Sheng Ch | Lauthority, on this $\frac{77\%}{1000}$ day of $\frac{920006\%}{100000000}$, 2013 ten, known to me to be the person whose name is subscribed nowledged to me that he executed the same of his own free |
| September of the septem | |

Attorney Docket No.: 065715.0404 Client Ref. 5765/5923 EME

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ASSIGNMENT

Signature: Date: 11/19/2017
Name: Wolfgang Frey

Residence (City, County, State):

Austin, Travis County, Texas

In the State of Texas §
In the County of Travis §

Notary or Consular Officer

Date: (2/4/13

Residence (City, County, State): Austin, Travis County, Texas

In the State of Texas
In the County of Fravis () Www §

Before me, the undersigned authority, on this 4h day of blook 2018 personally appeared Richard Bouchard, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Llzábla Cky Aud Notary Ør Consular Officer

ELIZABETH CAVE KINDRED Notary Public. Stole of Texas My Commission Expires October 84, 2017 Attorney Docket No.: 065715.0404 ASSIGNMENT
Client Ref. 5765/5923 EME 10

| Signature: Name: Kimberly Homan | Date:11-6-13 |
|----------------------------------|--|
| Residence (City, County, State): | Somerville, Middlesex, MA |
| In the State of Texas | § |
| In the County of Travis | § |
| personally appeared Kimberly Hom | authority, on this day of 2013 an, known to me to be the person whose name is subscribed nowledged to me that he executed the same of his own free on therein expressed. |
| | Notary or Consular Officer |

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RECORDED: 05/21/2014