502111213 10/30/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL I MIGA	11/29/2006
LOGAN W CLEMENTS	11/29/2006
ROBERT L GALLOWAY JR.	11/29/2006

RECEIVING PARTY DATA

Name:	Vanderbilt University	
Street Address:	305 Kirkland Hall, 2201 West End Avenue	
Internal Address:	Center for Technology Transfer and Commercialization	
City:	Nashville	
State/Country:	TENNESSEE	
Postal Code:	37240	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11985526

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Tim Tingkang Xia

Total Attachments: 4

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> PATENT REEL: 029211 FRAME: 0426

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ASSIGNMENT

WHEREAS, we,

Michael I. Miga 3013 Helmsdale Lane Franklin, Tennessee 37069 Logan W. Clements
420 Elmington Avenue, Apt. 924
Nashville, Tennessee 37205

Robert L. Galloway, Jr. 4509 Heath Road Nashville, Tennessee 37221

have invented new and useful improvements for which we filed a U.S. provisional patent application in the United States Patent and Trademark Office on November 16, 2006, which is entitled "Apparatus and Methods for Compensating for Organ Deformation, Apparatus and Methods for Registration of Internal Structures to Images, and Applications of Same" and was assigned U.S. Serial No. 60/859,438.

AND WHEREAS, **Vanderbilt University**, a corporation organized and existing under and by virtue of the laws of the State of Tennessee, and having an office and place of business at 1207 17th Avenue South, Suite 105, Nashville, TN 37212, U.S.A. (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisionals, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

PATENT REEL: 029211 FRAME: 0427 AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

We also authorize counsel for Applicant to enter above the serial number of the application or other related information when it becomes available.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of
November, 2006.
Michael I. Miga
STATE OF THE OF SECOUNTY OF Davidies) ss.
COUNTY OF Davidtee) ss.
On this 29th day of 1001 mbl/2006, before me personally appeared Michael I.
Miga to me known and known to me to be the person described in and who executed the foregoing
instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein
SEAL STATE OF Notary Public
TENNESSEE NOTARY

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PATENT REEL: 029211 FRAME: 0428

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of
November, 2006.
Logan W. Clements
STATE OF LENGTH)
STATE OF LEMUSSEE) COUNTY OF MALLY) ss.
On this 29th day of 100 mb 1/2006, before me personally appeared Logan W
Clements to me known and known to me to be the person described in and who executed the foregoing
instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therei
set forth.
[SEAL] STATE OF TENNESSEE NOTATION NOTATION
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