506047818 05/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6094532

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHENG CHEN	05/01/2020
THOMAS BRUCE FERGUSON JR.	05/02/2020
KENNETH MICHAEL JACOBS	03/30/2020
ZHIYONG PENG	05/06/2020

RECEIVING PARTY DATA

Name:	EAST CAROLINA UNIVERSITY
Street Address:	210 SPILMAN BUILDING
City:	GREENVILLE
State/Country:	NORTH CAROLINA
Postal Code:	27858

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15518548

CORRESPONDENCE DATA

Fax Number:

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: 919-944-4006

Email: instructions@staneklemon.com

Correspondent Name: STANEK LEMON CROUSE & MEEKS, P.A.

Address Line 1: 982 TRINITY ROAD

Address Line 4: RALEIGH, NORTH CAROLINA 27607

ATTORNEY DOCKET NUMBER:	170158-00038
NAME OF SUBMITTER:	CANDI L. RIGGS
SIGNATURE:	/Candi L. Riggs/
DATE SIGNED:	05/06/2020

Total Attachments: 5

source=170158-00038 Assignment#page1.tif source=170158-00038 Assignment#page2.tif source=170158-00038 Assignment#page3.tif

PATENT 506047818 REEL: 052590 FRAME: 0301

source=170158-00038 Assignment#page4.tif source=170158-00038 Assignment#page5.tif

PATENT REEL: 052590 FRAME: 0302

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Cheng Chen**, residing at 3002 Sherwood Drive, Greenville NC 27858; **Thomas Bruce Ferguson**, **Jr.**, residing at 2044 Langham Lane, Raleigh, North Carolina 27615; **Kenneth Michael Jacobs**, residing at 2266 Meadowglenn Road, Greenville, North Carolina 27834; and **Zhiyong Peng**, residing 84 Edgemoor Ave, Wellesley, MA 02482;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR VISUALIZING ANATOMICAL STRUCTURES AND BLOOD FLOW AND PERFUSION PHYSIOLOGY USING IMAGING TECHNIQUES for which U.S. Patent Application No. 15/518,548 was filed on April 12, 2017; and

WHEREAS, East Carolina University, a constituent institution of the University of North Carolina and an educational institution chartered under the laws of the State of North Carolina, having a principal place of business at 210 Spilman Building, Greenville, North Carolina 27858; hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries:

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 1st day of May, 2020.

Cheng Chen

CEAT

IN V	TNESS WHEREOF, I have hereunto set my hand and seal on this _2nd day of	5
May	, 2020.	
	D. San Ka	
	(SEAL)	
	Thomas Bruce Ferguson, Jr.	

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 30 day of March 2020
Hanst Mulace Organis-a
Kenneth Michael Jacobs
STATE OF NORTH CAROLINA)
COUNTY OF PH) ss:
Before me personally appeared the person described in and who executed the foregoing
instrument, and he acknowledged to me that he executed the same for the purposes therein
stated, this <u>30</u> day of <u>March</u> . 20 <u>20</u>
BRENDA M. DOSS NOTARY PUBLIC PITT COUNTY, NC SEAL
My Commission Evnines 06/30/2020

																												ì	

Zhiyong Peng (SEAL)

Page States

PATENT REEL: 052590 FRAME: 0307

RECORDED: 05/06/2020