

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6209748

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHENG CHEN	06/18/2020
THOMAS BRUCE FERGUSON JR.	05/19/2020
SUNGHAN KIM	05/18/2020
ZHIYONG PENG	07/20/2020
KENNETH MICHAEL JACOBS	06/06/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EAST CAROLINA UNIVERSITY
<b>Street Address:</b>	210 SPILMAN BUILDING
<b>City:</b>	GREENVILLE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27858
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15518545
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	919-944-4006
<b>Email:</b>	instructions@staneiklemon.com
<b>Correspondent Name:</b>	STANEK LEMON CROUSE & MEEKS, P.A.
<b>Address Line 1:</b>	982 TRINITY ROAD
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27607
<b>ATTORNEY DOCKET NUMBER:</b>	170158-00033
<b>NAME OF SUBMITTER:</b>	CANDI L. RIGGS
<b>SIGNATURE:</b>	/Candi L. Riggs/
<b>DATE SIGNED:</b>	07/21/2020
<b>Total Attachments: 6</b>	
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source=170158-00033 Assignment#page6.tif

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Cheng Chen**, residing at 3002 Sherwood Drive, Greenville, North Carolina 27858; **Thomas Bruce Ferguson, Jr.**, residing at 2044 Langham Lane, Raleigh, North Carolina 27615; **Sunghan Kim**, residing at 1221 Trafalgar Drive, Winterville, North Carolina 28590; **Zhiyong Peng**, residing 84 Edgemoor Ave, Wellesley, Massachusetts 02482; and **Kenneth Michael Jacobs**, residing at 2266 Meadowglenn Road, Greenville, North Carolina 27834;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING STATUS PARAMETERS USING SIGNALS DERIVED FROM MULTISPECTRAL BLOOD FLOW AND PERFUSION IMAGING**, for which an application was filed on April 12, 2017 and assigned U.S. Application No. 15/518,545; 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,

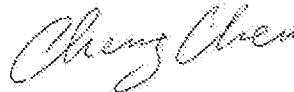
its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

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, and to the extent not already assigned to the assignee, we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly 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 18<sup>th</sup> day of June, 2020.




(SEAL)

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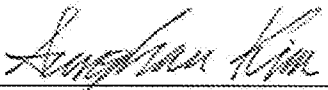
Cheng Chen

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_19th\_\_ day of  
\_May\_\_\_\_\_, 2020.

Handwritten signature of Thomas Bruce Ferguson, Jr. in cursive script.

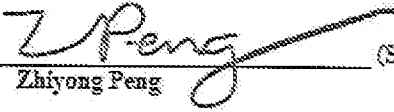
\_\_\_\_\_  
Thomas Bruce Ferguson, Jr. (SEAL)

WHEREOF, I have hereunto set my hand and seal on this 18 day of  
May, 2020.

  
\_\_\_\_\_  
**Sunghap Kim** (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 20 day of

July, 2020.

  
\_\_\_\_\_  
Zhiyong Peng (SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 6 day of  
June, 2020

  
Kenneth Michael Jacobs