

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WOLFGANG HEIDRICH	04/24/2018
JINHUI XIONG	04/24/2018
XIONG DUN	04/24/2018
RAMZI IDOUGHI	04/24/2018
SIGURDUR TRYGGVI THORODDSEN	04/24/2018
ANDRES A. AGUIRRE-PABLO	04/24/2018
ABDULRAHMAN B. ALJEDAANI	04/24/2018
ERQUIANG LI	07/30/2018
RECEIVING PARTY DATA	
Name:	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15498317
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	0338-285-3/2017-084-03
NAME OF SUBMITTER:	TINA JENKINS
SIGNATURE:	/Tina Jenkins/

DATE SIGNED:	10/05/2018
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Total Attachments: 10

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Attorney Docket No. 0338-285-3/2017-084-03

**ASSIGNMENT
OF PATENT APPLICATION**

WHEREAS, we, **Wolfgang HEIDRICH** of Thuwal, Kingdom of Saudi Arabia, **Jinhui XIONG** of Thuwal, Kingdom of Saudi Arabia, **Xiong DUN** of Thuwal, Kingdom of Saudi Arabia, **Ramzi IDOUGH** of Thuwal, Kingdom of Saudi Arabia, **Sigurdur Tryggvi THORODDSEN** of Thuwal, Kingdom of Saudi Arabia, **Andres A. AGUIRRE-PABLO** of Thuwal, Kingdom of Saudi Arabia, **Abdulrahman B. ALJEDAANI** of Thuwal, Kingdom of Saudi Arabia, and **Erqiang LI** of Thuwal, Kingdom of Saudi Arabia, hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements ("Invention(s)") as described and set forth in the below-identified United States patent application entitled:

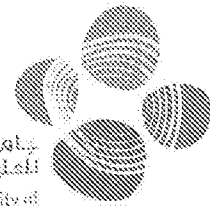
RAINBOW PARTICLE IMAGING VELOCIMETRY FOR DENSE 3D FLUID VELOCITY IMAGING

which was filed with the United States Patent and Trademark Office (USPTO) on April 26, 2017 and assigned Serial No. 15/498,317 and

WHEREAS, **KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**, having a business at 4700 King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia 23955-6900, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' interest in said Invention(s) and patent application and in any and all U.S. and foreign patent applications claiming priority to and/or the benefit of said patent application and any and all patents which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said Invention(s), and said patent application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said Invention(s), including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said Invention(s), and said patent application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

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جامعة الملك عبدالعزيز
King Abdulaziz University of
Science and Technology

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ASSIGNORS authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Invention(s), without further authorization from ASSIGNORS, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Invention(s), said patent application and to claim the aforesaid benefit of the right of priority.

ASSIGNORS request that any and all patents for said Invention(s) be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNORS covenant and agree that, when requested, ASSIGNORS shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said Invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNORS authorize ASSIGNEE or its agents to insert, on ASSIGNORS' behalf, the filing date and/or serial number above pertaining to the patent application, if not known as of the date of execution of this document.

Wolfgang HEIDRICH

Date: April 24, 2019

Witness

Witness

Date: _____

Date: _____

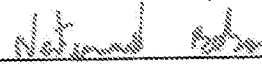
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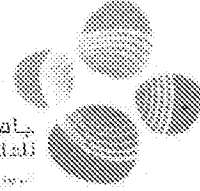
Attorney Docket No. 0338-285-3/2017-084-03


Sigurdur Tryggvi THORODDSEN

Date: 24/04/2018


Witness
Date: 24 April 2018


Witness
Date: 24/04/2018



Attorney Docket No. 0338-285-3/2017-084-03

Erqiang Li
Erqiang Li

Date: 30/07/2018

Xinxin Li
Witness

Date: 30 July 2018

Rui Yan
Witness

Date: 30/07/2018

Attorney Docket No. 0338-285-3/2017-084-03

Xiong Dun
Xiong DUN

Date: 24/04/2018


Guangming Zang
Witness

Date: 4/24/2018


Qidun Sun
Witness

Date: 4/24/2018


Attorney Docket No. 0338-285-3/2017-084-03


24 April 2018
Abdulrahman B. ALJEDAANI

Date: 24/04/2018



Witness

Date: 24 April 2018


Witness

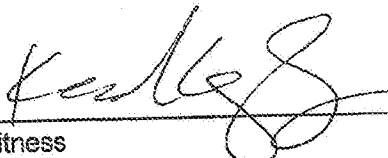
Date: 24/04/2018

Attorney Docket No. 0338-285-3/2017-084-03




Andres A. AGUIRRE-PABLO

Date: 24-04-2018



Witness

Date: 24 April 2018



Witness

Date: 24/04/2018

Attorney Docket No. 0338-285-3/2017-084-03

Jinhui Xiong
Jinhui XIONG

Date: 24/04/2018

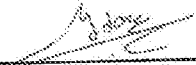
Ikrum Jumakulyev
Witness

Date: 24.04.2018

Rui Li
Witness


Date: 24/04/2018.

Attorney Docket No. 0338-285-3/2017-084-03



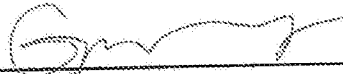
Ramzi IDOUGHI

Date: 24/04/2018



Witness

Date: 4/04/2018



Witness Guangming Zeng

Date: 4/24/2018

ASSIGNEE:

We, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, having a business at 4700 King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia 23955-6900, hereby declare that we accept the rights given in the attached Assignment:

KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY



Name: Kevin E. Cullen

Title: VP, Innovation & Economic Development

Date: 29/7/18

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