<u>506091873</u> 06/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6138593

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
			Name	Execution Date		
KEJIA CAI				10/01/2018		
FREDERICK C. DAMEN				10/01/2018		
RECEIVING PARTY D	ΑΤΑ					
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PROPERTY NUMBERS Total: 1 Property Type			Number			
			Number			
Application Number: 16		16647	6647984			
CORRESPONDENCE Fax Number:	DATA	(010)	212 0002			
	be sent t	• •	913-0002 e-mail address first; if that is unsuc	cessful, it will be sent		
			at is unsuccessful, it will be sent v			
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ATTORNEY DOCKET NUMBER:			18-1452-WO-US			
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SIGNATURE:			/David A. Grabelsky/			
DATE SIGNED:			06/04/2020			
Total Attachments: 3						
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<u>ASSIGNMENT</u>

Case No.: UIC-2017-084-01 / MBHB 18-1452-WO

Application No.: PCT/US2018/052954

Inventors: Kejia CAI Frederick C. DAMEN

Filing Date: 9/26/18

In consideration and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

The Board of Trustees of the University of Illinois 352 Henry Administration Building 506 S. Wright Street Urbana, IL 61801

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in applications for Letters Patent of the United States, entitled:

Systems and Methods for B₀-Corrected Arterial Spin Labeling Magnetic Resonance Imaging

and identified as:

Case No. UIC-2017-084-01 / MBHB 18-1452-WO

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said applications and any and all other applications, both United States and foreign (including but not limited to all countries on the list below*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said applications to insert in this assignment the filing date and serial number of said applications when officially known, and the date of execution of the applications.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said inventions or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any applications for the reissue or extension of

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PATENT REEL: 052843 FRAME: 0523 any Letters Patent that may be granted upon said applications and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria. Antigua and Barbuda, Armenia, Australia, Austria. Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this l day of d	2ctober , 2018.
	NS2>
	Kejia CAI
State of <u>Illinais</u>	
County of Our County of	
The foregoing instrument was acknowle	dged before me this day of
<u>October</u> , 2018 by <u>Keijie Cai</u>	``
Cofficial Seal Michael B Martin Notary Public State of Illinois My Commission Expires 08/07/2020	NOTARY PUBLIC

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PATENT REEL: 052843 FRAME: 0524

WITNESS my hand and seal this day of 2018.
-Jan / 129an
[/] Frederick C. DAMEN
State of Illinois
County of Dullage
The foregoing instrument was acknowledged before me this} day o
October 2018 by Frederick C. Damen
mel private
NOTARY PUBLIC
Michael B Martin Notary Public State of Illinois
ک My Commission Expires 08/07/2020 ک

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