PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JULLIE W. PAN	06/13/2019
CHAN-HONG MOON	06/17/2019
HOBY HETHERINGTON	06/13/2019

RECEIVING PARTY DATA

Name:	UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
Street Address:	130 THACKERAY AVENUE
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City:	PITTSBURGH
State/Country:	PENNSYLVANIA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15734337

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	214001-01719 US
NAME OF SUBMITTER:	PHILIP E. LEVY
SIGNATURE:	/Philip E. Levy/
DATE SIGNED:	02/16/2021

Total Attachments: 4

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, JULLIE W. PAN, residing at 290 Valley Road, Wexford, Pennsylvania 15090, CHAN-HONG MOON, residing at 109 Fox Ridge Farms Drive, River Oaks Townhomes, Pittsburgh, Pennsylvania 15215, and HOBY HETHERINGTON, residing at 290 Valley Road, Wexford, Pennsylvania 15090;

Hereby sell, assign and transfer to the UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a Pennsylvania non-profit corporation, having a place of business at 1st Floor Gardner Steel Conference Center, 130 Thackeray Avenue, Pittsburgh, Pennsylvania 15260, in the County of Allegheny and Commonwealth of Pennsylvania, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed but not claimed, in PCT International Application No. PCT/US2019/036874, filed on June 13, 2019, which claims priority from United States Provisional Patent Application No. 62/685,366, filed on June 15, 2018, both of which are entitled "SYSTEM AND METHODS FOR T1 AND T2 WEIGHTED MAGNETIC RESONANCE IMAGING," and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said applications; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, the UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said applications;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment we will, for all countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal

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proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property conveyed, and that we have full right to convey the same as herein expressed.

	JULIE W. PAN (SEAL)
Commonwealth of Pennsylvania)
County of Allegheny) SS:)
Before me this 1344	
	y known to be the person who is described in and who executed
the above instrument, and he she a	scknowledged to me that he she executed the same of his her
own free will for the purposes there	oin set forth.
	Martania C. Feltro
	Notary Public For Federal Valuation
	My commission expires: 10/1/2019
[SEAL]	COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Martanle C. Felton, Notary Public City of Pittsburgh, Allegheny County My Commission Expires Oct. 1, 2019 MEDIES SELECTION OF NOTARIES

	CHAN-HONG MORN (SEAL)
	SS:
County of Allegheny)	
Before me this 17th day	of JunE , 2019, personally appeared
	ally known to be the person who is described in and who she acknowledged to me that he she executed the same of herein set forth.
	Neutanie C. Felton
	Notary Public For PENNSY LUBVIA My commission expires: 10/1/2019
[SEAL]	COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Martania C. Felton, Notary Public City of Pittsburgh, Allegheny County My Commission Expires Oct. 1, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

214001-01719 US

HOBY HETHERINGTON (SEAL)

Commonwealth of Pennsylvania) S	S:
County of Allegheny)	
Before me this <u>134h</u> day of	JunE , 2019, personally appeared
HOBY HETHERINGTON, to me pers	onally known to be the person who is described in and
who executed the above instrument, and	ne)she acknowledged to me that (ne)/she executed the
same of (iis)her own free will for the pur	
	A STATE WAS AND AND WAS
	Martania C. Febru
	Notary Public For <u>Pennsylvania</u>
	My commission expires: tolilang
[SEAL]	COMMONWEALTH OF PENNSYLVANIA-
	NOTARIAL SEAL Martania C. Felton, Notary Public
	City of Pittsburgh, Allegheny County My Commission Expires Oct. 1, 2019
	PRINCE DENIES TO MOITAIN OF MOTABLES