505714305 10/09/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOJTABA SHAKERIAN	10/02/2019
BRUCE BALCOM	10/01/2019

RECEIVING PARTY DATA

Name:	UNIVERSITY OF NEW BRUNSWICK		
Street Address:	3 BAILEY DRIVE		
Internal Address:	ROOM 215		
City:	FREDERICTON, NB		
State/Country:	CANADA		
Postal Code:	E3B 5A3		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15675343

CORRESPONDENCE DATA

Fax Number: (613)842-7445

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.

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Email: mgrant@foglers.com

Correspondent Name: FOGLER RUBINOFF LLP

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Address Line 4: OTTAWA, CANADA K1P 5G3

ATTORNEY DOCKET NUMBER:	174935
NAME OF SUBMITTER:	EUGENE F. DERENYI
SIGNATURE:	/Eugene F. Derenyi/
DATE SIGNED:	10/09/2019

Total Attachments: 3

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PATENT 505714305 REEL: 050663 FRAME: 0537

Exhibit 1

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged:

We, MOJTABA SHAKERIAN and BRUCE BALCOM, whose addresses are _Apartment 4-A, 505 Dundonald Street, Fredericton, N.B., E3B 9K6 and 398 Kings College Road, Fredericton, N.B. E3B 2G1, respectively, being the only 2 joint and original inventors, have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

UNIVERSITY OF NEW BRUNSWICK (the "Assignee") whose address is 3 Bailey Drive, Room 215, Fredericton, New Brunswick, E3B 5A3, Canada and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to the inventions relating to the

PROBE AND SAMPLE HOLDER FOR MAGNETIC RESONANCE AND MAGNETIC RESONANCE IMAGING

described in the US Non-Provisional Patent Application dated August 11, 2017 and to any invention(s) and improvement(s) set forth in said US Non-Provisional Patent Application, and any and all applications, continuations, continuations-in-part, divisionals, and renewals of and substitutes for Letters Patent for said invention(s) and improvement(s), and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions and improvements be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions and improvements filed by it or them, the benefit of the right of priority provided by the Patent Cooperation Treaty, the Paris Convention, and the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said treaties and conventions, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by any international treaty or convention which may henceforth be substituted for it.

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PATENT REEL: 050663 FRAME: 0538 We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

1	
EXECUTED	this day 2019
at Frederickin, NB Canada (City and Country)	\sim $\frac{2}{\text{(Day)}}$ of $\frac{OCA}{\text{(Month)}}$
	Shaperia
Witness:	Mojtaba Shakeria
Dunie machaio	MOJTABA SHAKERIAN
Signature	
Jenie McPhail	
Name	Name.
October 2, 2019	
Date:	

EXECUTED at	this		day of	2019	
(City and Couritry) (MV	_ A <i>OA</i>	(Day)		(Month)	
			۸		
Witness:		12.T.Bh			
			······································	ruce Bolon	
Jennie McPhaie			BRUCI	E BALCOM	
Signature					
Jenie McPhail					
Name					
October 1,2019					
Date:	*****				

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RECORDED: 10/09/2019

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