

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAMIDREZA MOHEBBI	07/14/2016
DAVID G. CORY	07/14/2016
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<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 0A9
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15745513
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<b>NAME OF SUBMITTER:</b>	MICHAEL K. HENRY
<b>SIGNATURE:</b>	/Michael K. Henry/
<b>DATE SIGNED:</b>	01/19/2018
<b>Total Attachments: 4</b>	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, HAMIDREZA MOHEBBI, GRUM TEKLEMARIAM, and DAVID G. CORY each individually assign to QUANTUM VALLEY INVESTMENT FUND LP, a limited partnership having a principal place of business at 560 Westmount Road North, Waterloo, Ontario, N2L 0A9, Canada, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "Shifting Phase in a Resonator Device for Magnetic Resonance," and was filed on January 17, 2018, as application 15/745,513 (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide

all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Hamid Reza Mehebbi  
Hamidreza Mehebbi

Date: 14 July 2016

Witnessed by:

Signature: [Signature]

Date: 14 July 2016

Print Name: Carly Turnbull

Witnessed by:

Signature: [Signature]

Date: 14 July 2016

Print Name: Joachim Nsofini

\_\_\_\_\_ Date: \_\_\_\_\_  
Grum Teklemariam

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Witnessed by:


Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
\_\_\_\_\_  
David G. Cory

Date: 14 July 2016


Witnessed by:

Signature: 

Date: 14 July 2016

Print Name: Carly Turnbull

Witnessed by:

Signature: 

Date: 14 July 2016

Print Name: Joachim Nsofini