

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4241704

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN N. HINCKS	08/06/2015
CHRIS E. GRANADE	09/16/2015
TROY W. BORNEMAN	08/20/2015
DAVID G. CORY	07/24/2015
RECEIVING PARTY DATA	
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Street Address:	560 WESTMOUNT ROAD NORTH
City:	WATERLOO, ONTARIO
State/Country:	CANADA
Postal Code:	N2L 0A9
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15328951
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	QVINV-011US1
NAME OF SUBMITTER:	R. SCOTT MCCLELLAND
SIGNATURE:	/R. Scott McClelland/
DATE SIGNED:	01/25/2017
Total Attachments: 5	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, IAN N. HINCKS, CHRIS E. GRANADE, TROY W. BORNEMAN, and DAVID G. CORY, each individually assign to QUANTUM VALLEY INVESTMENT FUND LP, a Limited Partnership formed under the laws of Ontario and having a principal place of business at 550 Westmount Road North, Waterloo, ON 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 the following patent applications (the "Applications") that name us as inventors:

- The US provisional application entitled "ACCOUNTING FOR CLASSICAL HARDWARE IN THE CONTROL OF QUANTUM DEVICES", filed in the United States Patent and Trademark Office on September 24, 2014, as application 62/034,630; and
- The PCT application entitled "GENERATING A CONTROL SEQUENCE FOR QUANTUM CONTROL", filed in the Canadian Intellectual Property Office on September 23, 2015, as application PCT/CA2015/000500.

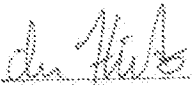
We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Applications 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.

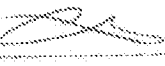
We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Ian K. Hincks

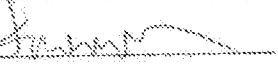
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Witnessed by:

Signature: 

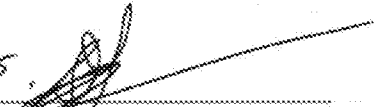
Print Name: Christopher Wood

Date: 2015/08/06

Signature: 

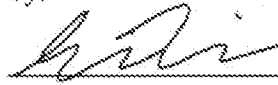
Print Name: Thomas Alexander

Date: 2015/08/06

C.E. 
Chris E. Granada

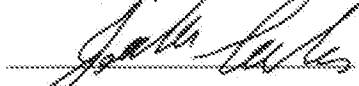
Date: 16 Sept 2015

Witnessed by:

Signature: 

Date: 16 Sept 2015

Print Name: Sarah Kaiser

Signature: 

Date: 16 Sept 2015

Print Name: Joshua Cambes

[Signature]
Troy W. Borneman

Date: 20/9/2015

Witnessed by: TADU/AA, NAR

Signature: [Signature]

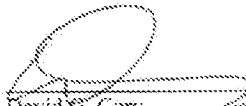
Date: 20/8/2015

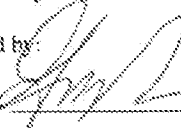
Print Name: _____

Signature: [Signature]

Date: 20/8/2015

Print Name: Sangil Kwon


Date: 7/24/2015
David G. Cory

Witnessed by:

Signature: _____ Date: 7/24/2015

Print Name: G. M. L.
Signature: Hamid Reza Mohabbati Date: 7/24/2015
Print Name: Hamid Reza Mohabbati