

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Scott Thomas McCain</td> <td>12/03/2012</td> </tr> <tr> <td>David Jones Bradu</td> <td>12/03/2012</td> </tr> <tr> <td>Daniel Marks</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Scott Thomas McCain	12/03/2012	David Jones Bradu	12/03/2012	Daniel Marks	12/04/2012				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Applied Quantum Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3333 Durham Chapel Hill Blvd.</td> </tr> <tr> <td>Internal Address:</td> <td>Ste. E-100</td> </tr> <tr> <td>City:</td> <td>Durham</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27707</td> </tr> </table>		Name:	Applied Quantum Technologies, Inc.	Street Address:	3333 Durham Chapel Hill Blvd.	Internal Address:	Ste. E-100	City:	Durham	State/Country:	NORTH CAROLINA	Postal Code:	27707
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<table border="1"> <tr> <td>Name:</td> <td>Duke University</td> </tr> <tr> <td>Street Address:</td> <td>2812 Erwin Road</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 306</td> </tr> <tr> <td>City:</td> <td>Durham</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27705</td> </tr> </table>		Name:	Duke University	Street Address:	2812 Erwin Road	Internal Address:	Suite 306	City:	Durham	State/Country:	NORTH CAROLINA	Postal Code:	27705
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CORRESPONDENCE DATA													
Fax Number:													
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	732-578-0103												
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Correspondent Name:	Joanne M Murphy												

OP \$40.00 13740021

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ATTORNEY DOCKET NUMBER:	524-005US2
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NAME OF SUBMITTER:	Joanne Murphy
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Total Attachments: 2 source=signed_assign_524-005us2#page1.tif source=signed_assign_524-005us2#page2.tif
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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment and Agreement

For value received, I, **Scott Thomas McCain**, of Durham, NC, United States of America, **David Jones Brady** of Durham, NC, United States of America, **Daniel Marks** of Durham, North Carolina, United States of America, hereby sell, assign and transfer jointly and equally to Applied Quantum Technologies, Inc., having an office at 3333 Durham Chapel Hill Blvd., Ste. E-100, Durham, NC, 27707 and Duke University, having an office at 2812 Erwin Road, Suite 306, Durham, NC 27705, US, and their successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions in the patent application entitled **PANORAMIC MULTI-SCALE IMAGER AND METHOD THEREFOR** and identified by Kaplan Breyer Schwarz & Ottesen's Attorney Docket as **524-005US2**, Serial Number 13/740021, filed on 01/11/2013, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions.

I also concurrently hereby sell, assign and transfer to Applied Quantum Technologies, Inc., and Duke University the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

Because the application serial number and/or filing date of this application is not known at the time of the execution of this Assignment and Agreement, I authorize the duly-appointed attorneys in this application plus Jason Paul DeMont, Reg. No. 35,793, Wayne S. Breyer, Reg. No. 38,089, and Kenneth Ottesen, Reg. No. 54,353 to insert the filing date and application serial number of this application in the above paragraph when known.

I authorize Applied Quantum Technologies, Inc., and Duke University to make application for such protection in their own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

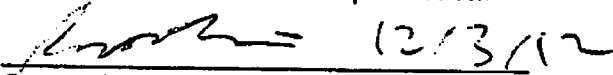
I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Applied Quantum Technologies, Inc., and Duke University to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I hereby declare that I understand the definition of small entity as defined in 37 CFR 1.27 and in Title 13 of the Code of Federal Regulations, and I declare that the owner of this application is a small entity for the purposes of paying reduced fees to the United States Patent and Trademark Office. I further declare that I shall immediately notify, or cause to be notified, the USPTO when the owner of this application ceases to be a small entity for the purposes of paying reduced fees to the United States Patent and Trademark Office.

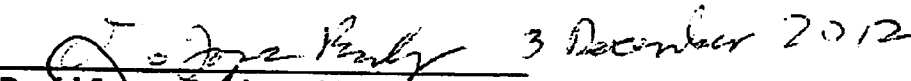
I hereby acknowledge that in the event of a conflict of interest between Applied Quantum Technologies, Inc., and Duke University and me, the firm of Kaplan Breyer Schwarz & Ottesen, LLP is the attorney for Applied Quantum Technologies, Inc. and Duke University and is not my attorney.

I request that any and all patents for said inventions be issued to Applied Quantum Technologies, Inc. and Duke University in the United States and in all countries foreign to the United States, or to such nominees as Applied Quantum Technologies, Inc. and Duke University may designate.

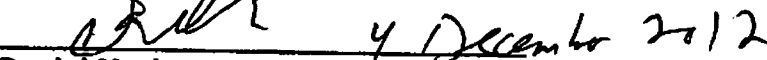
I agree that, when requested, I shall, without charge to Applied Quantum Technologies, Inc. and Duke University but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.



Scott Thomas McCain and Date



David Jones Brady and Date



Daniel Marks and Date