

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>David M. Berns</td> <td>10/16/2009</td> </tr> <tr> <td>Mark S. Rudner</td> <td>10/16/2009</td> </tr> <tr> <td>Sergio O. Valenzuela</td> <td>09/10/2009</td> </tr> <tr> <td>William D. Oliver</td> <td>10/16/2009</td> </tr> <tr> <td>Leonid S. Levitov</td> <td>10/16/2009</td> </tr> <tr> <td>Terry P. Orlando</td> <td>10/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	David M. Berns	10/16/2009	Mark S. Rudner	10/16/2009	Sergio O. Valenzuela	09/10/2009	William D. Oliver	10/16/2009	Leonid S. Levitov	10/16/2009	Terry P. Orlando	10/16/2009
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CORRESPONDENCE DATA															
<p>Fax Number: (603)641-8744</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 603.627.8118</p> <p>Email: dleblanc@sheehan.com</p> <p>Correspondent Name: Donna LeBlanc</p> <p>Address Line 1: 1001 Elm Street</p> <p>Address Line 4: Manchester, NEW HAMPSHIRE 03105</p>															
ATTORNEY DOCKET NUMBER:	17614-6119														
NAME OF SUBMITTER:	Donna P. LeBlanc														

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PATENT
REEL: 023571 FRAME: 0065

Total Attachments: 4

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ASSIGNMENT

Whereas we, **David M. Berns, Mark S. Rudner, Sergio O. Valenzuela, William D. Oliver, Leonid S. Levitov, and Terry P. Orlando** have invented certain new and useful improvements in:

SYSTEM AND METHOD FOR PROVIDING AMPLITUDE SPECTROSCOPY OF A MULTILEVEL QUANTUM SYSTEM

(hereinafter referred to as "Invention") for which we are making application for Letters Patent in the United States of America;

And, whereas we desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefore to **Massachusetts Institute of Technology, a Commonwealth of Massachusetts** corporation/institution, having its place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307** (hereinafter referred to as "Assignee"), and whereas Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of one dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

And we further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent that may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

Executed this _____ day of _____, in the year 2009

at _____

David M. Berns

State of _____

County of _____

Before me personally appeared **David M. Berns**, who acknowledged the foregoing instrument to be a free act and deed and also represented that she is authorized to execute the same this _____ day of _____, in the year 2009

(Seal)

Notary Public

Executed this _____ day of _____, in the year 2009

at _____

Mark S. Rudner

State of _____

County of _____

Before me personally appeared **Mark S. Rudner**, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this _____ day of _____, in the year 2009

(Seal)

Notary Public

Executed this _____ day of _____, in the year 2009

at _____

Sergio O. Valenzuela

State of _____

County of _____

Before me personally appeared **Sergio O. Valenzuela**, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this _____ day of _____, in the year 2009

(Seal)

Notary Public

Executed this _____ day of _____, in the year 2009

at _____

William D. Oliver

State of _____

County of _____

Before me personally appeared **William D. Oliver**, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this _____ day of _____, in the year 2009

(Seal)

Notary Public

Executed this _____ day of _____, in the year 2009

at _____

Leonid S. Levitov

State of _____

County of _____

Before me personally appeared **Leonid S. Levitov**, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this _____ day of _____, in the year 2009

(Seal)

Notary Public

Executed this _____ day of _____, in the year 2009

at _____

Terry P. Orlando

State of _____

County of _____

Before me personally appeared **Terry P. Orlando**, who acknowledged the foregoing instrument to be a free act and deed and also represented that she is authorized to execute the same this _____ day of _____, in the year 2009

(Seal)

Notary Public