Electronic Version v1.1

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
|---|---|------------------|------------|----------------|------|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | |
| CONVEYING PARTY DATA | | | | | |
| N | | | ame | Execution Date | |
| Miriam Braunstein | | | | 08/15/2007 | |
| RECEIVING PARTY DATA | | | | | |
| Name: | The University of North Carolina at Chapel Hill | | | | |
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| Postal Code: | 27599-4105 | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | |
| Property Type | | | Number | | č |
| PCT Number: US07 | | US070 | 00793 | | 2002 |
| Property Type Number PCT Number: US0700793 | | | | | |
| Fax Number:(212)336-8001Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:212-336-8000Email:ptodocket@arelaw.comCorrespondent Name:Amster, Rothstein & Ebenstein LLPAddress Line 1:90 Park AvenueAddress Line 4:New York, NEW YORK 10016 | | | | | |
| ATTORNEY DOCKET NUMBER: | | | 96700-1216 | | |
| NAME OF SUBMITTER: | | Elie H. Gendloff | | | |
| Total Attachments: 3 source=96700-1216 Assignment Braunstein to UNC#page1.tif source=96700-1216 Assignment Braunstein to UNC#page2.tif source=96700-1216 Assignment Braunstein to UNC#page3.tif | | | | | |

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged.

ASSIGNOR:

9 9 43 8 5 7 15

> Full Name of Inventor: Miriam Braunstein Residence: 105 Marin Place, Chapel Hill, North Carolina 27516, U.S.A. Citizenship: United States of America

hereby sells, assigns and transfers to ASSIGNEE:

The University of North Carolina at Chapel Hill CB 4105, 308 Bynum Hall Chapel Hill, North Carolina 27599-4105, U.S.A.

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to the invention entitled:

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that was invented by ASSIGNOR, and which is found in PCT Application No. PCT/US2007/000793 filed with the international filing date of January 11, 2007, which claims priority to U.S. Provisional Patent Application Serial No. 60/758,944 filed January 12, 2006, and any legal equivalent thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, or any continuation, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

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PATENT REEL: 019797 FRAME: 0206

ASSIGNOR authorizes ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNOR'S name, at ASSIGNEE'S election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefore, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefore to ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination thereof, or any other additional applications for Letters Patent for said invention or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States of America for said invention, resulting from the aforesaid application, to said THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, as its ASSIGNEE.

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WITNESS my hand and seal on:

8/15/2007 Muria- P Miriam Braunstein Date STATE OF NC) SS.:) SS.: DEBORAH K. BYRD Notary Public Orange County State of North Carolina My Commission Expires Apr. 27, 2010 On this 15th day of august , 2007, before me came Miriam Braunstein, to me known and known to me to be the individual described in, and who executed, the foregoing instrument, and she acknowledged to me that she had executed the same.

Deborah X. Ba Notary Public

[SEAL]

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PATENT REEL: 019797 FRAME: 0208

RECORDED: 09/07/2007