

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Edward R. Kraft</td> <td>06/11/2012</td> </tr> <tr> <td>Perenlei Enkhbaatar</td> <td>06/04/2012</td> </tr> <tr> <td>Daniel L. Traber</td> <td>06/04/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Edward R. Kraft | 06/11/2012 | Perenlei Enkhbaatar | 06/04/2012 | Daniel L. Traber | 06/04/2012 |
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| Edward R. Kraft | 06/11/2012 | | | | | | | | |
| Perenlei Enkhbaatar | 06/04/2012 | | | | | | | | |
| Daniel L. Traber | 06/04/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Board of Regents of the University of Texas System | | | | | | | | |
| Street Address: | 201 West Seventh Street | | | | | | | | |
| City: | Austin | | | | | | | | |
| State/Country: | TEXAS | | | | | | | | |
| Postal Code: | 78701 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12256438</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12256438 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 12256438 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | 8324462424 | | | | | | | | |
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| Correspondent Name: | Wong Cabello LLP | | | | | | | | |
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| Address Line 4: | Houston, TEXAS 77070 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 1145-0023US | | | | | | | | |
| NAME OF SUBMITTER: | Marilyn M. Huston | | | | | | | | |
| Total Attachments: 3 source=0023US_Assignmentsfiled#page1.tif source=0023US_Assignmentsfiled#page2.tif source=0023US_Assignmentsfiled#page3.tif | | | | | | | | | |

CH \$40.00 12256438

ASSIGNMENT of PATENT RIGHTS

WHEREAS, we, the undersigned (hereinafter "ASSIGNORS"), have invented an invention embodied in patent application(s) entitled "**Dry Powder Drug Delivery Formulations, Methods of Use, and Devices Therefore**" for which the following patent application(s) have been filed:

| Application Number | Filed |
|--------------------|---------------|
| USSN 60/981,630 | Oct. 22, 2007 |
| USSN 12/256,438 | Oct. 22, 2008 |

WHEREAS, according to Series 90000 of the Rules and Regulations of the **Board of Regents of the University of Texas System** (the "BOARD"), intellectual property either developed within the course and scope of employment of the individual or resulting from activities performed on SYSTEM time, or with support of State funds, or from using facilities or resources owned by the SYSTEM or any institution thereof (other than incidental use) is owned by the Board of Regents of the University of Texas System.

WHEREAS, the BOARD (hereinafter referred to as "ASSIGNEE"), having a place of business at 201 West Seventh Street, Austin, TX, 78701, is desirous of confirming its ownership of the entire right, title and interest in, to and under said invention and in, to and under any patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions, and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby provides a written assignment and transfer unto ASSIGNEE, its successors and assigns, of ASSIGNOR'S entire right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all foreign countries, to be obtained for said invention, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention and including the right to sue for past, present and/or future infringement of any patents obtained for said invention.

ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that ASSIGNOR has full right to convey ASSIGNOR'S entire right, title and interest in said invention and that that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application(s), invention and Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application(s), invention and Letters Patent and legal equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

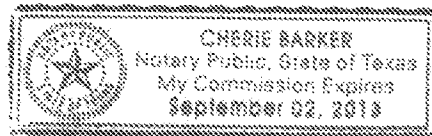
As this assignment to the above referenced invention may be executed in advance of the filing of a patent application, ASSIGNOR hereby authorizes the legal representative of the above-mentioned ASSIGNEE to insert in this instrument the filing date and serial number of said application, when known, or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR hereby agrees that this Assignment shall be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of ASSIGNEE.

Signature: Edward R. Kraft Date: 6-11-12
Name: Edward R. Kraft

STATE OF Texas
COUNTY OF Galveston
BEFORE ME, the undersigned authority, on this 11 day of June, 2012
personally appeared Edward R. Kraft, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Cherie Barker
Notary or Consular Officer



Signature: _____ Date: _____
Name: Stephen L. Hoskins

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this _____ day of _____, _____ personally appeared Stephen L. Hoskins, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

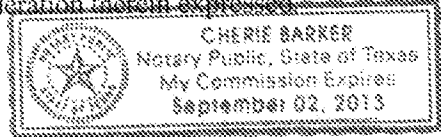
Notary or Consular Officer

Signature: [Signature] Date: 06.04.12
Name: Perenlei Enkhbaatar

STATE OF Texas
COUNTY OF Galveston

BEFORE ME, the undersigned authority, on this 4 day of June, 2012 personally appeared Perenlei Enkhbaatar, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[Signature]
Notary or Consular Officer



Signature: [Signature] Date: June 4, 2012
Name: Daniel L. Traber

STATE OF Texas
COUNTY OF Galveston

BEFORE ME, the undersigned authority, on this 4 day of June, 2012 personally appeared Daniel L. Traber, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[Signature]
Notary or Consular Officer

