

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Dali Yang</td> <td>10/06/2005</td> </tr> <tr> <td>David Devlin</td> <td>10/20/2005</td> </tr> <tr> <td>Robert S. Barbero</td> <td>10/06/2005</td> </tr> <tr> <td>Martin E. Carrera</td> <td>01/05/2006</td> </tr> <tr> <td>Craig W. Colling</td> <td>01/05/2006</td> </tr> </tbody> </table>		Name	Execution Date	Dali Yang	10/06/2005	David Devlin	10/20/2005	Robert S. Barbero	10/06/2005	Martin E. Carrera	01/05/2006	Craig W. Colling	01/05/2006
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street</td> </tr> <tr> <td>Internal Address:</td> <td>5th Floor</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94607-5200</td> </tr> </table>		Name:	The Regents of the University of California	Street Address:	1111 Franklin Street	Internal Address:	5th Floor	City:	Oakland	State/Country:	CALIFORNIA	Postal Code:	94607-5200
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (505)665-4424</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: sbrazfi1@lanl.gov</p> <p>Correspondent Name: Samuel L. Borkowsky</p> <p>Address Line 1: Los Alamos National Laboratory</p> <p>Address Line 2: LC/IP - MS A187</p> <p>Address Line 4: Los Alamos, NEW MEXICO 87545</p>													
ATTORNEY DOCKET NUMBER:	S-116,302												
NAME OF SUBMITTER:	Samuel L. Borkowsky												

CH \$40.00 12469552

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**PATENT**  
**REEL: 022715 FRAME: 0158**

Total Attachments: 4

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**ASSIGNMENT**

DOE S-104,844

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Dali Yang                      2. David Devlin                      3. Robert S. Barbero

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

POROUS MEMBRANE MATERIALS AS STRUCTURED PACKING FOR DISTILLATION

and which is found in

- (a) ☐ U.S. patent application executed on \_\_\_\_\_ entitled  
the above-named person(s) as inventor(s)
- (b) ☒ U.S. application Serial No. 60/664,800, filed on 3/23/2005.
- (c) ☐ U.S. Patent No. , issued .
- (d) ☒ U.S. provisional application filed on March 23, 2005, entitled as above and listing  
the above-named person(s) as inventor(s)

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

**ASSIGNOR(S)** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

**ASSIGNOR(S)** further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating 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 or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

**AND** the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

6 day of Oct., 2005

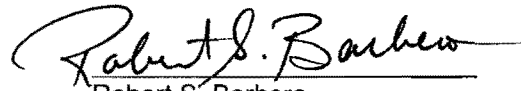
20 day of Oct., 2005

6 day of OCT, 2005

Signature of Inventor(s)

  
Dali Yang

  
David Devlin

  
Robert S. Barbero

**ASSIGNMENT**DOE S-104,844

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Craig W. Colling      2. Martin E. Carrera

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- (b)      ☒ U.S. application Serial No. 60/664,800, filed on 3/23/2005.
- (c)      ☐ U.S. Patent No. , issued .
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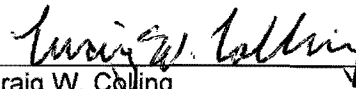
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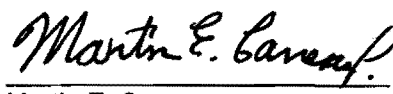
executed this

5<sup>th</sup> day of January, 2006

5<sup>th</sup> day of January, 2006

Signature of Inventor(s)

  
Craig W. Chilling

  
Martin E. Carrera