

## 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>Jeffrey R. LONG</td> <td>10/25/2012</td> </tr> <tr> <td>Eric D. BLOCH</td> <td>10/23/2012</td> </tr> <tr> <td>Leslie MURRAY</td> <td>09/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeffrey R. LONG	10/25/2012	Eric D. BLOCH	10/23/2012	Leslie MURRAY	09/13/2012
Name	Execution Date								
Jeffrey R. LONG	10/25/2012								
Eric D. BLOCH	10/23/2012								
Leslie MURRAY	09/13/2012								
RECEIVING PARTY DATA									
Name:	The Regents of the University of California								
Street Address:	1111 Franklin Street, 12th Floor								
City:	Oakland								
State/Country:	CALIFORNIA								
Postal Code:	94607-5200								
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>13593914</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13593914				
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Application Number:	13593914								
CORRESPONDENCE DATA									
Fax Number:	7037607777								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703.760.7769								
Email:	klibby@mofo.com								
Correspondent Name:	Jonathan Bockman								
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ATTORNEY DOCKET NUMBER:	416272062500								
NAME OF SUBMITTER:	Jonathan Bockman								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

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**MORRISON & FOERSTER<sub>LLP</sub>**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign, transfer and set over to:

**The Regents of the University of California**

1111 Franklin Street, 12<sup>th</sup> Floor  
Oakland, California 94607-5200

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefore, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignors if this assignment had not been made, the application being known by the title:

**GAS SEPARATIONS WITH REDOX-ACTIVE METAL-ORGANIC  
FRAMEWORKS**

Attorney Docket No.: 41627-20625.00

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/593,914

Filing Date: August 24, 2012

1. The undersigned hereby agree to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize and request the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant to the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which 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.

IN WITNESS WHEREBY, executed by the undersigned on the dates opposite the undersigned names.

10/25/2012  
Date:

J R LONG  
Typed Name: Jeffrey R. LONG

October 23, 2012  
Date:

E D BLOCH  
Typed Name: Eric D. BLOCH

September 13, 2012  
Date:

Leslie Murray  
Typed Name: Leslie MURRAY

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Date:

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Typed Name:

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Date:

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Typed Name:

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Date:

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Typed Name: