PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DATA						
		١	lame	Execution Date		
Omar M Yaghi				11/20/2008		
James F Stoddart				01/08/2009		
Qiaowei Li				11/20/2008		
Ognjen S Miljanic				11/20/2008		
Wenyu Zhang				11/20/2008		
RECEIVING PARTY DA	TA					
Name:	The Regents o	of the U	niversity of California			
Street Address:	1111 Franklin	Street				
City:	Oakland					
State/Country:	CALIFORNIA					
Postal Code:	94607-5200					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number: 129		129963	Number			
CORRESPONDENCE DATA Fax Number: (858)458-9986 Phone: 8584582607						
Fax Number:	(858)458	2-0086				
Phone:	8584583					
Email:			on@bbiplaw.com			
Email: alexandria.gibson@bbiplaw.com Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.						
Correspondent Name: Joseph R. Baker, Jr.						
Address Line 1: 4660 La Jolla Village Drive Suite 750			llage Drive Suite 750			
Address Line 4: San Diego, CALIFORNIA 92122						
ATTORNEY DOCKET NUMBER:			00011-017US1			
NAME OF SUBMITTER:			Joseph R. Baker, Jr.			
Total Attachments: 2 source=00011-017US1Assignment#page1.tif source=00011-017US1Assignment#page2.tif						

ASSIGNMENT

UC, Case No. 2008-378-1

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

Omar M Yaghi, James F Stoddart, Qiaowei Li, Ognjen S. Miljanic, Wenyu Zhang

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 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 entitled:

CHEMICAL FRAMEWORK COMPOSITIONS AND METHODS OF USE

and which is found in:

<u> </u>	U.S. Provisional Application Serial No. 61/059,224, filed 6/05/200 inventors	8 and listing the above named persons as
X	U.S. Patent Application Serial No. <u>12/996, 378</u> and listing the above named persons as inventors	, filed02/18/2011
<u> </u>	U.S. Patent No and listing the above named persons as inventors	, issued
	International Patent Application Serial No	, filed

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, conversion to 35 USC 111(a) 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;

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

<u>ASSIGNOR(S)</u> 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 <u>ASSIGNOR(S)</u> 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.

Signature of Inventor(s) executed this Omar M Yaghi 20 day of Morenter, 2008 B day of January, 2008 Fraser Stoddart 2008-9 James F Stoddar With day of November . 2008 Oiaowei Li day of 2008 Ognjen S. Miljanic Job Ldav of November 2008 Venvu Zhang assign.doc PATENT

REEL: 027429 FRAME: 0198

ASSIGNMENT

UC. Case No. 2008-378-1

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

Omar M Yaghi, James F Stoddart, Qiaowei Li, Ognjen S. Miljanic, Wenyu Zhang

hereby sells, assigns and transfers to ASSIGNEE. The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 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 entitled:

CHEMICAL FRAMEWORK COMPOSITIONS AND METHODS OF USE

and which is found in:

<u> X </u>	U.S. Provisional Application Serial No. 61/059,224, filed 6/05/2008 and listing the above named persons inventors			ve named persons as
Χ	o los racent Application Seriar (vo.	12/996,378	filed	02/18/2011
	and listing the above named persons a			
	U.S. Patent No.		, issued	
	and listing the above named persons a		:	
	International Patent Application Serial and listing the above named persons a	No	, filed	
	and listing the above named persons a			

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, conversion to 35 USC 111(a) 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;

<u>ASSIGNOR(S)</u> 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 <u>ASSIGNOR(S)</u> 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		Signature of Inventor(s)
day of	, 2008	
1		Omar M Yaghi
day of	_, 2008 _j	James F Stoddart
day of	2008	
20_day of		Qiaowei Li Denjen S. Miljanic
day of	, 2008	
assign.doc		Wenyu Zhang

RECORDED: 12/21/2011

PATENT REEL: 027429 FRAME: 0199