PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ion v1.1 EPAS ID: PAT2777386

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OMAR M. YAGHI	08/19/2011
HIROYASU FURUKAWA	08/12/2011
BO WANG	09/15/2011
KANG L. WANG	09/20/2011
KOSMAS GALATSIS	06/27/2011

RECEIVING PARTY DATA

Name: THE REGENTS OF THE UNIVERSITY 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:	13936315

CORRESPONDENCE DATA

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US Mail.

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Correspondent Name: JOSEPH R. BAKER, JR.

Address Line 1: 4660 LA JOLLA VILLAGE DRIVE, SUITE 750

Address Line 4: SAN DIEGO, CALIFORNIA 92122

ATTORNEY DOCKET NUMBER:	00011-033US2
NAME OF SUBMITTER:	JOSEPH R. BAKER, JR.
SIGNATURE:	/Joseph R. Baker, Jr./
DATE SIGNED:	03/20/2014

Total Attachments: 4

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PATENT REEL: 032485 FRAME: 0267

<u>ASSIGNMENT</u>

UC, Case No. 2009-225-2

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

Omar M Yaghi, Hiroyasu Furukawa, Bo Wang, Kang L Wang, Kosmas Galatsis

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:

A GAS S	ENSOR INCORPORATING A POROUS FRAMI	EWORK	
and which	ch is found in:		
benedity by a galactic state.	U.S. Provisional Application Serial Noabove named persons as inventors		
X	and Se U.S. Patent Application Serial No. 13/142,564,	erial No. $13/936$, 315 , filed $06/28/2011$ and listing the above named	ed 07/08/2013 persons as inventors
	U.S. Patent No. and listing the above named persons as invento	, issued	
	International Patent Application Serial Noabove named persons as inventors	, filed	and listing the
for said i substitute	legal equivalent thereof in a foreign country, incl invention by the above application or any continu e thereof, and any reissue, reexamination or exten action of Industrial Property;	ation, division, continuation-in-part, extension	, conversion to 35 USC 111(a) or
	IOR(S) hereby covenants that no assignment, sal onflict with this assignment;	e, agreement or encumbrance has been or wil	l be made or entered into which
relating to to the sar represent invention attorney	IOR(S) further covenants that ASSIGNEE will, to said invention and said Letters Patent and legal me in any interference, litigation, or proceeding relative any and all papers, instruments or affidavite and said Letters Patent and said equivalents thereof record is authorized and requested by the executor said application when officially known.	equivalents as may be known and accessible telating thereto and will promptly execute and as required to apply for, obtain, maintain, issue reof which may be necessary or desirable to care	to ASSIGNOR and will testify as deliver to ASSIGNEE or its legal or enforce said application, said arry out the purposes thereof. An
	ASSIGNOR(S) requests the Commissioner of Prextension thereof to the ASSIGNEE, The Reger		tent of the United States and any
executed	this	Signature of Inventor(s)	
<u>19</u> da	y of August , 2011	Omer M Yaghi	
12 da	y of August , 2011	Miroyasu Furukawa	
da	y of, 2011		
		Bo Wang	
da	y of, 2011		
		Kang L Wang	
da	y of, 2011		
		Kosmas Galatsis	
Signed :	and hereby accepted on behalf of the Assig	gnee:	
Name	BW. Wyn	10,19. le Dat	EMILY LOUGHRAN DIRECTOR OF LICENSING Office of Intellectual Property
	\mathcal{O}		Office of intellection tropers

PATENT REEL: 032485 FRAME: 0268

ASSIGNMENT

UC. Case No. 2009-225-2

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A GAS SENSOR INCORPORATING A POROUS FRAMEWORK

	U.S. Provisional Application Serial No above named persons as inventors	And the second s	, filed	and listing the
X	U.S. Patent Application Serial No. 13/14:	Serial No. 1 2,564, filed 06/28/2011	13/936, 315 , file and listing the above named p	ersons as inventors
	***		, issued	
-	International Patent Application Serial No above named persons as inventors	0	, filed	and listing the
substitute	legal equivalent thereof in a foreign country nvention by the above application or any co thereof, and any reissue, reexamination or ction of Industrial Property;	ontinuation, division, cor	Minuation-in-part extension of	consequence to 25 HOO 111(a) and
ASSIGNO would con	OR(S) hereby covenants that no assignment in the sassignment;	at, sale, agreement or er	ncumbrance has been or will	be made or entered into which
to the san representa invention attorney of	OR(S) further covenants that ASSIGNEE of said invention and said Letters Patent and me in any interference, litigation, or proceed ative any and all papers, instruments or affit and said Letters Patent and said equivalent of record is authorized and requested by the f said application when officially known.	legal equivalents as ma ling relating thereto and idavits required to apply ts thereof which may be	y be known and accessible to will promptly execute and de for, obtain, maintain, issue of pecessary or desirable to corre	ASSIGNOR and will testify as sliver to ASSIGNEE or its legal or enforce said application, said
AND the reissue or	ASSIGNOR(S) requests the Commissioner extension thereof to the ASSIGNEE, The F	r of Patents and Tradem Regents of the University	arks to issue said Letters Pate	nt of the United States and any
executed 1		Signature of		
day	v of, 2011	Omar M Yaş	h.:	
day	of, 2011	Oniai wi Tag	îti i	
<u>/5</u> day	of September, 2011	Hiroyasu Fu	rukawa	
day	of, 2011	Bo Wang		
day	of, 2011	Kang L Wan	-	
Signed a	nd hereby accepted on behalf of the A	Kosmas Gala Assignee:	tsis	
Vame	yll-p		12.15.201	_
		Title	Date	

EMILY LOUGHRAN
DIRECTOR OF LICENSING
Office of Intellectual Property

PATENT REEL: 032485 FRAME: 0269

<u>ASSIGNMENT</u>

UC. Case No. 2009-225-2

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

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A GAS SENSOR INCORPORATING A POROUS FRAMEWORK

Office of Intellectual Property

	U.S. Provisional Applic	ation Serial No	, filed	and listing the	
	above named persons as	inventors and	Serial No. 13/936,315, filed 07/	08/2013	
X	U.S. Patent Application Serial No. 13/142,564, filed 06/28/2011 and listing the above named persons as inventors				
	U.S. Patent No.		, issued		
	and listing the above na				
	International Patent Appabove named persons as	olication Serial No. inventors	, filed	and listing the	
for said in substitute	vention by the above app	lication or any contre reexamination or ex	including the right to claim priority and, in and to, all Lett tinuation, division, continuation-in-part, extension, convers xtension of said Letters Patent and all rights under all Inter	sion to 35 USC 111(a) or	
	<u>OR(S)</u> hereby covenants of inflict with this assignment		, sale, agreement or encumbrance has been or will be made	de or entered into which	
relating to to the sam representa invention attorney o	said invention and said le in any interference, liti- tive any and all papers, in and said Letters Patent and	Letters Patent and logation, or proceedingstruments or affided and said equivalents of requested by the	ill, upon its request, be provided promptly with all pertin egal equivalents as may be known and accessible to ASSIC and relating thereto and will promptly execute and deliver to avits required to apply for, obtain, maintain, issue or enforthereof which may be necessary or desirable to carry out the execution of this assignment to insert into this assignment	GNOR and will testify as a ASSIGNEE or its legal ree said application, said the purposes thereof. An	
			of Patents and Trademarks to issue said Letters Patent of the egents of the University of California.	he United States and any	
executed t	his		Signature of Inventor(s)		
day	of	, 2011	Omar M Yaghi		
dav	of	, 2011			
		*	Hiroyasu Furukawa		
day	of	2011			
	of SEPT		Bo Wang Kang L Wang	The state of the s	
day	of	, 2011			
qay	OI		Kosmas Galatsis	Maria Caraca Maria	
Signed a	and hereby accepted o	n behalf of the A	assignee:		
	7//1		12/5.20//		
Name	EMILY LOUGHR		Title Date		

PATENT

REEL: 032485 FRAME: 0270

ASSIGNMENT

UC. Case No. 2009-225-2

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

Omar M Yaghi, Hiroyasu Furukawa, Bo Wang, Kang L Wang, Kosmas Galatsis

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A GAS SENSOR INCORPORATING A POROUS FRAMEWORK

and which	is found in:				
	U.S. Provisional Application Seria above named persons as inventors	al No.	, filed	and listing the	
<u> </u>	and Serial 10. 19790, 513, Tiled 0770072013				
	U.S. Patent Noand listing the above named perso	ns as inventors	, issued		
-	International Patent Application S above named persons as inventors	erial No.	, filed	and listing the	
for said ir substitute	egal equivalent thereof in a foreign evention by the above application or thereof, and any reissue, reexamina- tion of Industrial Property;	any continuation, division, c	ontinuation-in-part, extension,	conversion to 35 USC 111(a) or	
ASSIGNO would con	OR(S) hereby covenants that no assument;	signment, sale, agreement or	encumbrance has been or will	be made or entered into which	
relating to to the san representa invention attorney of	DR(S) further covenants that ASSIGN said invention and said Letters Pather in any interference, litigation, or ative any and all papers, instrument and said Letters Patent and said equal record is authorized and requester faild application when officially known and said application when a said Letters Patents and Letters and Letter	ent and logal equivalents as n proceeding relating thereto as s or affidavits required to appuivalents thereof which may be done the execution of this ass	nay be known and accessible to nd will promptly execute and do oly for, obtain, maintain, issue of the necessary or desirable to car.	o ASSIGNOR and will testify as eliver to ASSIGNEE or its legal or enforce said application, said ry out the purposes thereof. An	
AND the	ASSIGNOR(S) requests the Commerce extension thereof to the ASSIGNE	issioner of Patents and Trade E. The Regents of the Univers	emarks to issue said Letters Pate sity of California.	ent of the United States and any	
executed		·	of Inventor(s)		
day	of,2011	Omar M ')	· · · · · · · · · · · · · · · · · · ·	-	
day	of,2011		_		
		Hiroyasu l	Furukawa		
day	of	Bo Wang			
day	of,2011	Kang L W	lang /		
27-day	of Jone., 2011	Kosmas			
Signed a	and hereby accepted on behalf	of the Assignee:			
Name	yw.lry	Title	/0-/9. Date	EMILY LOUGHRAN DIRECTOR OF LICENSING Office of Intellectual Property	

PATENT REEL: 032485 FRAME: 0271

RECORDED: 03/20/2014