503787954 04/18/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUSSEF BELMABKHOUT	04/04/2016
OSAMA SHEKHAH	04/04/2016

RECEIVING PARTY DATA

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Postal Code:	23955-6900

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14624763

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	292103-1850
NAME OF SUBMITTER: CHRISTOPHER B. LINDER	
SIGNATURE:	/CBL/
DATE SIGNED:	04/18/2016

Total Attachments: 4

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> PATENT REEL: 038307 FRAME: 0319

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ASSIGNMENT OF UTILITY PATENT APPLICATION

WHEREAS, we, Youssef Belmabkhout and Osama Shekhah, hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

METAL-ORGANIC MATERIALS (MOMS) FOR CO2 ADSORPTION AND METHODS OF USING MOMS

which was:	
	executed on even date herewith,
\boxtimes	filed with the United States Patent and Trademark Office (USPTO) on February
	18, 2015, and assigned Serial No. 14/624,763, and
\boxtimes	further described in U.S. Utility application entitled "METAL-ORGANIC
	MATERIALS (MOMS) FOR CO2 ADSORPTION AND METHODS OF USING
	MOMS", serial number 13/800,690, filed March 13, 2013; U.S. Provisional
	application entitled "METAL ORGANIC COMPOSITION, FOR CARBON
	DIOXIDE SEPARATION AND CAPTURE," serial number 61/682,017,
	filed August 10, 2012; U.S. Provisional application entitled "METAL
	ORGANIC COMPOSITION, FOR CARBON DIOXIDE SEPARATION AND
	CAPTURE," serial number 61/723,533, filed November 7, 2012; and U.S.
	Provisional application entitled "AIR CAPTURE, TRACES AND LOW
	CONCENTRATION CO₂ REMOVAL IN CONFINED SPACES AND
CLOSED	BREATHING LOOPS USING PHYSICAL ABSORBENTS FROM THE
CLASS	METAL ORGANIC FRAMEWORK (MOFS)," serial number
61/941.151. f	iled February 18, 2014.

WHEREAS, King Abdullah University of Science and Technology, having a business at 4700 King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia 23955-6900, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' interest in said invention(s) and provisional application and in any and all U.S. and foreign patent applications claiming priority to and/or the benefit of said provisional application and any and all patents which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said invention(s), including all corresponding provisional, continuation, continuation-in-part,

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any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNORS authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in the U.S., and to invoke and claim for any application for patent or other form of protection for said Invention(s), without further authorization from ASSIGNORS, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Invention(s) and to claim the aforesaid benefit of the right of priority.

ASSIGNORS request that any and all patents for said invention(s) be issued to ASSIGNEE in the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNORS covenant and agree that, when requested, ASSIGNORS shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNORS authorize ASSIGNEE or its agents to insert, on ASSIGNORS' behalf, the filing date and/or serial number above pertaining to the application, if not known as of the date of execution of this document.

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Youssef Belmabkhout

Date: 04/04/2016

Witness

Date: 09/09/2016

Rusha Abdul Italian

Date: 04/04/2016

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Osama Shekhah

Date: 04.04.2016

Witness

Date: 02/09/2016

Rock Abold William

Date: 94/04/2016

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RECORDED: 04/18/2016