505741225 10/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMED EDDAOUDI	09/18/2014
YOUSSEF BELMABKHOUT	09/18/2014
OSAMA SHEKHAH	09/18/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15509780

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NAME OF SUBMITTER:	GREGORY S. SCHWARTZ
SIGNATURE:	/Gregory S. Schwartz/
DATE SIGNED:	10/25/2019

Total Attachments: 4

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> **PATENT REEL: 050824 FRAME: 0875**

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PATENT REEL: 050824 FRAME: 0876

ASSIGNMENT

For valuable consideration, we, Youssef Belmabkhout of Thuwal, Saudi Arabia, Osama Shekhah of Thuwal, Saudi Arabia, and Mohamed Eddaoudi of Thuwal, Saudi Arabia; hereby assign to: King Abdullah University of Science and Technology, having a place of business at 4700 King Abdullah University of Science and Technology, Thuwal 23955-6900, Saudi Arabia a corporation of Thuwal, Saudi Arabia and its successors and assigns (collectively hereinafter called "the Assignce"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled ON-BOARD CO. CAPTURE AND STORAGE WITH METAL ORGANIC FRAMEWORK, filed September 11, 2014, and assigned U.S. Serial Number 62/049,331, this assignment including said application, any and all United States and foreign utility patents and patent applications, including continuation, continuation-in-part, divisional, reissue, and reexamination applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 4

IN WITNESS WHEREOF, I hereto se	et my hand and s	seal at 12:00 KAUST
this 18 day of Septent	121, 20 il	and the second s
Youssef Belmabkh	nout	L.S.
City of VACIST:		\ _v .
Country of <u>KSA</u> :		
Signature witnessed by:		
18-04-2014	WITNESS:	I'm Bhatt
Date		Prashant Bhart KAVSE, KSA
Signature witnessed by:		, proming
18-09-2014	WITNESS:	SK MD TOWN (World
Date '	Printed Name:	SK AID TOWS F ABTAB KAUST, KSA

In Witness Whereof, I hereto s	et my hand and s	seal at	12 00	<u>KAUST</u>
this 18 day of <u>Septemb</u>	20 14			
Osama Shekhah	- AV	·		L.S.
City of <u>kAUST</u> :				
$\begin{array}{c} : ss. \\ \text{Country of} \qquad \boxed{ \left\langle \begin{array}{c} \checkmark \\ \checkmark \\ \end{array} \right\rangle} : \end{array}$				
Signature witnessed by:				
18.04-2014 Date	WITNESS: Printed Name: Address:	Ami) Prasi KSA	,	
Signature witnessed by:				~
18 69 2019	WITNESS:	SK MD	Tark	W/N
Date	Printed Name:	<u> </u>	<u>'I'GWS</u>	F /IBIHA

IN WITNESS WHEREOF, I hereto se	et my hand and seal at <u>KACST</u> .
this 8 day of Sex	. 20 14
	L.S.
Mohamed Eddaou	di
City of Thurs : : ss. Country of KSA :	
Signature witnessed by:	
18.09.2014	WITNESS: Printed Name: Printed Name: Printed Name:
Date	Address: YAUST, KSA
Signature witnessed by:	
1804724	WITNESS: SKMD TEWSON Stops
Date	Printed Name: SK MD TOWSHE A BTAB
	Address: <u>KAUST</u> , <u>KSA</u>