

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAED HASHAIKEH	06/16/2019
SHAHEEN ANIS	06/16/2019
GNANA P. SINGARAVEL	06/16/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KHALIFA UNIVERSITY OF SCIENCE AND TECHNOLOGY
<b>Street Address:</b>	P.O. BOX 127788
<b>City:</b>	ABU DHABI
<b>State/Country:</b>	UNITED ARAB EMIRATES
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16470432
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	TAMIMI 19.26
<b>NAME OF SUBMITTER:</b>	TODD A. SULLIVAN
<b>SIGNATURE:</b>	/Todd A. Sullivan/
<b>DATE SIGNED:</b>	06/17/2019
<b>Total Attachments: 6</b>	
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**ASSIGNMENT  
OF INTERNATIONAL PATENT APPLICATION**

WHEREAS, We, **RAED HASHAIKEH**, of Abu Dhabi, UAE; **SHAHEEN ANIS**, of Abu Dhabi, UAE; and **GNANA P. SINGARAVEL**, of Abu Dhabi, UAE, hereinafter referred to as **ASSIGNORS**, have made certain new and useful improvements (“invention(s)”) as described and set forth in the below-identified PCT International Application entitled:

**FIBROUS ZEOLITE CATALYST FOR HYDROCRACKING.**

which was filed with the International Bureau at WIPO on DECEMBER 19, 2017, and assigned Serial No. PCT/IB2017/058153, which application claims the benefit of priority to United States Patent Application No 62/436,387, filed on DECEMBER 19, 2016 and entitled ELECTROSPUN Y-ZEOLITE-NIO-WO3 FIBROUS CATALYST FOR HYDROCRACKING; and

WHEREAS, **KHALIFA UNIVERSITY OF SCIENCE AND TECHNOLOGY**, an independent legal entity established by Law number (5) for the year 2017, having its place of business in the UAE Emirate of Abu Dhabi, P.O. Box 127788, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring **ASSIGNORS**' interest by virtue of the **ASSIGNORS**' employment, in said invention(s) and international application and in any and all foreign patent applications claiming priority to and/or the benefit of said international 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(S)**, **ASSIGNORS** do hereby sell, assign and transfer unto **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, (a) the entire right, title and interest in and to said invention(s), and all the rights and privileges in any application and under any and all patents that may be granted in the world. for said application, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said application for all countries, including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign for them.

**ASSIGNORS** authorize **ASSIGNEE** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the application, 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), said international application 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 all countries foreign to the application, 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.

IN WITNESS WHEREOF, we/I have executed this assignment on the day indicated below.

  
\_\_\_\_\_  
RAED HASHAIKEH

Date: June 16, 2019

\_\_\_\_\_  
SHAHEEN ANIS

Date: \_\_\_\_\_

\_\_\_\_\_  
GNANA P. SINGARAVEL

Date: \_\_\_\_\_

**ASSIGNMENT  
OF INTERNATIONAL PATENT APPLICATION**

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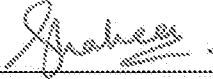
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IN WITNESS WHEREOF, we/I have executed this assignment on the day indicated below.

\_\_\_\_\_  
RAED HASHAIKEH

Date: \_\_\_\_\_

  
\_\_\_\_\_  
SHAHEEN ANIS

Date: 16/June/2019

\_\_\_\_\_  
GNANA P. SINGARAVEL

Date: \_\_\_\_\_

**ASSIGNMENT  
OF INTERNATIONAL PATENT APPLICATION**

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[www.ku.ac.ae](http://www.ku.ac.ae)

Attorney Ref. EAT 137023  
KU Ref: 16-1005-03

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\_\_\_\_\_  
RAED HASHAIKEH

Date: \_\_\_\_\_

\_\_\_\_\_  
SHAHEEN ANIS

Date: \_\_\_\_\_

  
\_\_\_\_\_  
GNAANA P. SINGARAVEL

Date: 16/6/2019

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