

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5451662

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHIPING LAI	07/03/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
<b>Street Address:</b>	ROOM 4218, AL JAZRI BUILDING (BLDG 4)
<b>Internal Address:</b>	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
<b>City:</b>	THUWAL
<b>State/Country:</b>	SAUDI ARABIA
<b>Postal Code:</b>	23955-6900
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16287721
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	JL@slepatents.com
<b>Correspondent Name:</b>	JEFF LLOYD
<b>Address Line 1:</b>	P.O. BOX 142950
<b>Address Line 4:</b>	GAINESVILLE, FLORIDA 32614-2950
<b>ATTORNEY DOCKET NUMBER:</b>	HKUS.143X
<b>NAME OF SUBMITTER:</b>	JEFF LLOYD
<b>SIGNATURE:</b>	/JEFF LLOYD/
<b>DATE SIGNED:</b>	04/01/2019
<b>Total Attachments: 3</b>	
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Attorney Docket No. TTC.PA.1137/HKSTP244US

**ASSIGNMENT  
OF PROVISIONAL PATENT APPLICATION**

WHEREAS, I, **Zhiping Lai**, of Thuwal, Kingdom of Saudi Arabia, hereinafter referred to as ASSIGNOR, by virtue of my employment, have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified United States provisional patent application entitled:

**Angstrom-Scale Aluminum Nanowires in Zeolite**

which was filed with the United States Patent and Trademark Office (USPTO) on **February 28, 2018**, and assigned Serial No. **62/636,754** and

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 ASSIGNOR's 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 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, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), and said provisional application for all countries foreign to the U.S., 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 to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to 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 ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

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King Abdulaziz University of  
Science and Technology


Attorney Docket No. TTC.PA.1137/HKSTP244US

ASSIGNOR hereby consents 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 provisional application and to claim the aforesaid benefit of the right of priority.

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

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR 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.

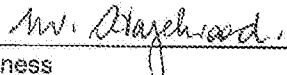
ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR s behalf, the filing date and/or serial number above pertaining to the provisional application, if not known as of the date of execution of this document.

  
\_\_\_\_\_  
Zhiping Lai

Date: 7/3/2018

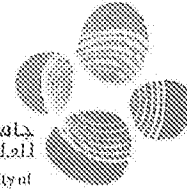
  
\_\_\_\_\_  
Cecilia Alvarado  
Witness

Date: 7/03/2018

  
\_\_\_\_\_  
Mr. Blayhwood  
Witness

Date: 03/07/2018

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ASSIGNEE:

We, 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, hereby declare that we accept the rights given in the attached Assignment:

KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

March 13, 2018

Name: Mardson Q. McQuay, PhD, JD

Date

Title: Interim Director, Associate General Counsel – Research  
& Education and Senior IP Attorney

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