PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SRIKANTH PEDIREDDY	10/23/2019
KRISHNA P. KATURI	10/23/2019
VEERRAGHAVULU SAPIREDDY	10/23/2019
PASCAL E. SAIKALY	10/23/2019

RECEIVING PARTY DATA

Name:	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
Street Address:	4700 KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
City:	THUWAL
State/Country:	SAUDI ARABIA
Postal Code:	23955-6900

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17266333

CORRESPONDENCE DATA

Fax Number:

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.

Email: heather@pabstpatent.com, yvonne@pabstpatent.com,

docketing@pabstpatent.com

Correspondent Name: PABST PATENT GROUP LLP

Address Line 1: 1545 PEACHTREE STREET, SUITE 320

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	KAUST 2018-172-03 371
NAME OF SUBMITTER:	HEATHER BIFFLE
SIGNATURE:	/Heather Biffle/
DATE SIGNED:	03/02/2021

Total Attachments: 6

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> PATENT REEL: 055460 FRAME: 0988



ASSIGNMENT OF PATENT APPLICATION

WHEREAS, We, Srikanth Pedireddy, Krishna P. Katuri, Veerraghavulu Sapireddy, and Pascal E. Saikaly 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:

Extracellular Electron-Transfer Capable Bacteria Derived Single Metal Atom Heterogeneous Catalysts And Methods Of Making And Using Thereof

which was filed with the International Bureau of WIPO as the Receiving Office for the Patent Cooperation Treaty (RO/IB) on August 6, 2019, and assigned Serial No. PCT/IB2019/056696 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 international application No. PCT/IB2019/056696 filed August 6, 2019, and the provisional application, Provisional Application No. 62/715,160 filed August 6, 2018, 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.

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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.

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.

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Date: <u>23/10/2019</u>

Zavid of RAM

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Date: _23/10/2019



Date: 24/10/2019

Zakid of lehman Witness Date: 23/10/2019



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Zakid o/ Kohaman Witness Date: 23/10/10/9



Date: 23 00 0 ber 2019

Date: 23/10/2019



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

	24-Oct-2019 06:41 ABST
Name: Sean P. Flanigan	Date
Title: Director Technology Commercialization	

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