

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5972287

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUSSEIN ALROBEI	07/10/2018
MANOJ KUMAR RAM	07/10/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF SOUTH FLORIDA
<b>Street Address:</b>	3802 SPECTRUM BLVD.
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	TAMPA
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33612
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16793815
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)951-0933
<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>Phone:</b>	7709339500
<b>Email:</b>	ragan.buckley@thomashorstemeyer.com
<b>Correspondent Name:</b>	LAWRENCE A. VILLANUEVA
<b>Address Line 1:</b>	3200 WINDY HILL ROAD SE
<b>Address Line 2:</b>	SUITE 1600 E
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	292106-1171
<b>NAME OF SUBMITTER:</b>	LAWRENCE A. VILLANUEVA
<b>SIGNATURE:</b>	/Lawrence A. Villanueva/
<b>DATE SIGNED:</b>	02/20/2020
<b>Total Attachments: 2</b>	
source=Assignment_292106-1171#page1.tif	
source=Assignment_292106-1171#page2.tif	

## ASSIGNMENT

Pursuant to our obligation to **University of South Florida** (hereinafter referred to as "Assignee") having its principal place of business at:

3802 Spectrum Blvd.  
Suite 100  
Tampa, FL 33612

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we, **Hussein Alrobei**, and **Manoj Kumar Ram**, confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to inventions described in a patent application titled "PHOTOELECTROCHEMICAL CELLS" for which we filed United States Non-Provisional Patent Application No. 16/030,625 on July 9, 2018 (Atty. File No. 210112-9068-US02) (hereinafter "U.S. non-provisional patent application"), which claims priority benefits to United States Provisional Patent Application No. 62/531,004, filed on July 11, 2017;

(2) in and to the U.S. non-provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. non-provisional patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on the U.S. non-provisional patent application.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

7/10/2018

Date



Hussein Alrobaei

7/10/2018

Date



Manoj Kumar Ram