

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4363098

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES BRUSH	03/20/2017
MAO ZHEN GUO	03/27/2017
BRENT M. WILLEY	03/20/2017
WILLIAM S. MILLER	03/20/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
<b>Street Address:</b>	UNITS A-C, 26/F, CENTRO COMERCIAL DA PRAIA GRANDE
<b>Internal Address:</b>	NO. 429 AVENIDA DA PRAIA GRANDE
<b>City:</b>	MACAU
<b>State/Country:</b>	MACAO
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15462275
<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>Phone:</b>	414-271-6560
<b>Email:</b>	mkeipdocket@MichaelBest.com
<b>Correspondent Name:</b>	MICHAEL BEST & FRIEDRICH LLP (TTI)
<b>Address Line 1:</b>	100 EAST WISCONSIN AVENUE
<b>Address Line 2:</b>	SUITE 3300
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	020872-8710-US01
<b>NAME OF SUBMITTER:</b>	GAYLE A. BUSH
<b>SIGNATURE:</b>	/gayle a. bush/
<b>DATE SIGNED:</b>	04/11/2017
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

Pursuant to our obligation to **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED**  
(hereinafter referred to as "Assignee"), having its principal place of business at:

Units A-C, 26/F, Centro Comercial da Praia Grande  
No. 429 Avenida da Praia Grande  
Macau, Macao

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

**James Brush**  
304 Briarcliff Drive  
Greenville, SC 29607

**Mao Zhen Guo**  
2403# B Building  
Qi Bao Yi, San Yuan Road  
Nan Chen District  
Dong Guan City, Guan Dong Province  
China

**Brent M. Willey**  
513 Noel Court  
Anderson, SC 29625

**William S. Miller**  
124 Waltzing Vine Lane  
Williamston, SC 29697

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 "BATTERY CONTACT WITH A SURFACE TEXTURE" for which we filed United States Non-Provisional Utility Patent Application No. 15/462,275 on March 17, 2017 (hereinafter the "U.S. utility patent application") (Attorney Docket No. 020872-8710-US01), which claims priority benefit to United States Provisional Patent Application No. 62/309,520 filed March 17, 2016 (hereinafter the "U.S. provisional patent application") (Attorney Docket No. 020872-8710-US00);

(2) in and to the U.S. utility patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), 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. utility patent application and the U.S. 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. utility patent application and the U.S. provisional patent application.

We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment.

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.

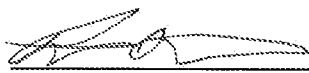
3/20/17  
Date

  
James Brush

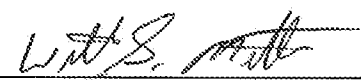
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Mao Zhen Guo

3/20/17  
Date

  
Brent M. Willey

3/20/17  
Date

  
William S. Miller

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. utility patent application and the U.S. 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. utility patent application and the U.S. provisional patent application.

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2017.3.27  
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James Brush

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