#### 504403171 06/08/2017

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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INGRID A. ROUSSEAU	06/30/2016

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15198851

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NAME OF SUBMITTER:	LAURA HONEMAN
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DATE SIGNED:	06/08/2017

**Total Attachments: 2** 

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> **PATENT** REEL: 042642 FRAME: 0628 504403171

### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P034628-RD-SDJ entitled

## TITANIUM DIBORIDE NANOTUBES FOR TRAPPING GASES IN LITHIUM ION BATTERIES

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74829 to insert the application number and filing date of said application here in parentheses ( 15/198,851 filed June 30, 2016 ) when known.

Inventor's signature	Asai	Date	6/30/16
Full name:	Zhongyi Liu		
Residence:	TROY, MICHIGAN		
Inventor's signature		Date	
Full name:	Ingrid A. Rousseau		
Residence :	CLINTON TOWNSHIP MICHIGAN		

PATENT REEL: 042642 FRAME: 0629

### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P034628-RD-SDJ entitled

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		·
Inventor's signature		Date
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PATENT REEL: 042642 FRAME: 0630

**RECORDED: 06/08/2017**