### 502852724 06/16/2014

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XINYU DU	06/13/2014
ZILU ZHANG	06/13/2014
MARK J. RYCHLINSKI	06/14/2014

#### **RECEIVING PARTY DATA**

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC	
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State/Country:	MICHIGAN	
Postal Code:	48265-3000	

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

Property Type	Number	
Application Number:	14301944	

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	TTORNEY DOCKET NUMBER: P026408 (7610.3218.001)	
NAME OF SUBMITTER:	CARY W. BROOKS	
SIGNATURE:	/Cary W. Brooks/	
DATE SIGNED:	06/16/2014	

**Total Attachments: 1** 

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PATENT REEL: 033108 FRAME: 0516

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#### 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 P026408-R&D-SDJ entitled

# BATTERY STATE OF HEALTH ESTIMATION USING CHARGING RESISTANCE EQUIVALENT

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 104102 to insert the application number and filing date of said application here in parentheses (14/301,944 filed June 11, 2014) when known.

Inventor's signature	DA/	Date	06/13/2014
Full name:	XINYU DU		
Residence:	OAKLAND TOWNSHIP, MICHIGAN		
Inventor's signature Full name:	YILU ZHANG	Date	6/13/2014
Residence:	NORTHVILLE, MICHIGAN		
Inventor's signature Full name:	MARK J. RYCHLINSKI	Date	141N14
Residence:	FARMINGTON HILLS, MICHIGAN		

PATENT REEL: 033108 FRAME: 0517

RECORDED: 06/16/2014