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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4274325

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|---|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MATTHEW DARIN | 02/13/2017 |
| SANDEEP MENON | 02/13/2017 |
| MURALIKRISHNAN KAILASAM | 02/13/2017 |
| SHENGBING JIANG | 02/06/2017 |
| RECEIVING PARTY DATA | |
| Name: | GM GLOBAL TECHNOLOGY OPERATIONS LLC |
| Street Address: | 300 RENAISSANCE CENTER |
| Internal Address: | MAIL CODE 482-C23-B21 P.O. BOX 300 |
| City: | DETROIT |
| State/Country: | MICHIGAN |
| Postal Code: | 48265 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15432450 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Email: | gm.patents@gm.com |
| Correspondent Name: | GENERAL MOTORS LLC, LEGAL STAFF |
| Address Line 1: | 300 RENAISSANCE CENTER |
| Address Line 2: | MAIL CODE 482-C23-B21 P.O. BOX 300 |
| Address Line 4: | DETROIT, MICHIGAN 48265 |
| ATTORNEY DOCKET NUMBER: | P030360-US-NP |
| NAME OF SUBMITTER: | ASHRAF ZAHR |
| SIGNATURE: | /Ashraf Zahr/ |
| DATE SIGNED: | 02/14/2017 |
| Total Attachments: 4 | |
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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 P030360-US-NP entitled:

METHOD AND APPARATUS FOR DETECTION OF BATTERY DRAIN

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 00286 to insert the application number and filing date of said application here in parentheses (15/432450 filed February 14, 2017) when known.

Inventor's signature: Matthew Darin Date: 2/13/2017

Full name: Matthew Darin

Residence: Lake Orion, Michigan

Inventor's signature: _____ Date: _____

Full name: Sandeep Menon

Residence: Shelby Township, Michigan

Inventor's signature: _____ Date: _____

Full name: Murali Krishnan

Residence: Troy, Michigan

Inventor's signature: _____ Date: _____

Full name: Shengbing Jiang

Residence: Rochester Hills, Michigan

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Full name: Matthew Darin

Residence: Lake Orion, Michigan



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Full name: Sandeep Menon

Residence: Rochester Hills, Michigan

Inventor's signature: _____ Date: _____

Full name: Murali Krishnan

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Full name: Sandeep Menon

Residence: Shelby Township, Michigan

Inventor's signature: Muralikrishnan Date: 02/13/2017

Full name: ~~Murali Krishnan~~ Muralikrishnan Kailasam

Residence: Troy, Michigan

Inventor's signature: _____ Date: _____

Full name: Shengbing Jiang

Residence: Rochester Hills, Michigan

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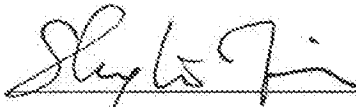
Full name: Sandeep Menon

Residence: Shelby Township, Michigan

Inventor's signature: _____ Date: _____

Full name: Murali Krishnan

Residence: Troy, Michigan

Inventor's signature:  _____ Date: 2/6/2017

Full name: Shengbing Jiang

Residence: Rochester Hills, Michigan