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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6772012

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| RAFFAELLO ARDANESE  | 06/17/2021                          |
| JAMES R. SALVADOR   | 06/17/2021                          |
| RYAN CURTIS SEKOL   | 06/17/2021                          |
| THOMAS A. YERSAK  | 06/16/2021                          |
| DMITRIY BRUDER  | 06/17/2021                          |
| <b>RECEIVING PARTY DATA</b>   |                                     |
| <b>Name:</b>  | GM GLOBAL TECHNOLOGY OPERATIONS LLC |
| <b>Street Address:</b>  | P.O. BOX 300                        |
| <b>City:</b>  | DETROIT                             |
| <b>State/Country:</b>   | MICHIGAN                            |
| <b>Postal Code:</b>   | 48265                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                     |
| <b>Property Type</b>  | <b>Number</b>                       |
| <b>Application Number:</b>  | 17350650                            |
| <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>   | 7344183142                          |
| <b>Email:</b>   | assignments@vivacqualaw.com         |
| <b>Correspondent Name:</b>  | VIVACQUA CRANE                      |
| <b>Address Line 1:</b>  | 3101 E. EISENHOWER PKWY, STE. 1     |
| <b>Address Line 4:</b>  | ANN ARBOR, MICHIGAN 48108           |
| <b>ATTORNEY DOCKET NUMBER:</b>  | P054410-US01-PRI-NP                 |
| <b>NAME OF SUBMITTER:</b>   | STEVEN L. CRANE                     |
| <b>SIGNATURE:</b>   | /STEVENLCRANE/                      |
| <b>DATE SIGNED:</b>   | 06/21/2021                          |
| <b>Total Attachments: 5</b>   |                                     |
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source=2021-06-17-Assignment-P054410-US01-PRI-NP#page5.tif

**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 P054410-US01-PRI-NP entitled

**QUALITY CONTROL SYSTEM FOR ANALYZING THE QUALITY OF A BATTERY CELL THROUGH ANALYSIS OF A PHYSICAL PROPERTY OF A GAS FORMED DURING A CELL FORMATION PROCESS AND A METHOD OF ANALYZING THE SAME**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 76,438 to insert the application number and filing date of said application here in parentheses ( 17/350,650 filed June 17, 2021 ) when known.

Inventor's signature:  Date: 06/17/2021

Full name: Raffaello Ardanese

Residence: Bloomfield Hills, MI

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name: James R. Salvador

Residence: East Lansing, MI

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name: Ryan Curtis Sekol

Residence: Grosse Pointe Woods, MI

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name: Thomas A. Yersak

Residence: Royal Oak, MI

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Inventor's signature: Thomas A. Yersak Date: 6/16/21

Full name: Thomas A. Yersak

Residence: Royal Oak, MI

Inventor's signature:  Date: 06/17/2021

Full name: Dmitriy Bruder

Residence: Clinton Twp, MI