PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| MAHMOUD H. ABD ELHAMID | 09/16/2016 |
| MEI CAI | 09/16/2016 |
| ANNE M. DAILLY | 09/16/2016 |
| THOMAS A. YERSAK | 09/16/2016 |

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15267810 |

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NAME OF SUBMITTER: JEFFREY A. SEDLAR

SIGNATURE: /JEFFREY A. SEDLAR/

DATE SIGNED: 09/16/2016

Total Attachments: 2

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PATENT REEL: 039767 FRAME: 0054 source=P038801_RD_SDJ_Assignment#page2.tif

PATENT REEL: 039767 FRAME: 0055

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 P038801-R&D-SDJ entitled

INNOVATIVE THERMAL MANAGEMENT APPROACHES OF CONFORMABLE NATURAL GAS TANKS

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 (SN 15/267,810 filed September 16, 2016 when known.

| Inventor's signature | hh | Date 9-16-2016 |
|----------------------|----------------------------|----------------|
| Full name: | Mahmoud H. Abd Elhamid | |
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Inventor's signature

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PATENT REEL: 039767 FRAME: 0057

RECORDED: 09/16/2016