### 504447393 07/07/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT4494094

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

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| PHILLIP LEICHT    | 06/27/2017     |
| YANG ZHAI         | 06/27/2017     |
| DAVID EARL ROGERS | 07/06/2017     |

#### **RECEIVING PARTY DATA**

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| Postal Code:    | 48084                        |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15644093 |

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|-------------------------|------------------|
| NAME OF SUBMITTER:      | BRETT J. SMITH   |
| SIGNATURE:              | /Brett J. Smith/ |
| DATE SIGNED:            | 07/07/2017       |

#### **Total Attachments: 3**

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PATENT 504447393 REEL: 042933 FRAME: 0942

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# ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

| Title of Invention   | GAS DELIVERY SYSTEM  |  |
|--|--|--|
|  |  |  |
| As a below named in  | ventor, I hereby declare that:   |  |
| This declaration is dir  | rected to:   |  |
| ⊠ The  | e attached application, or   |  |
| 1  | ited States application or PCT international application number  15/644,093 filed on July 7, 2017 (I hereby authorize the  |  |
| Met  | ertion of the application filing date and number when they become known.)  |  |
| The above-identified   | application was made or authorized to be made by me.   |  |
| I believe that I am the  | original inventor or an original joint inventor of a claimed invention in the application.   |  |
| I hereby state that I ha   | ave reviewed and understand the contents of the above-identified specification, including the claims.  |  |
|  | luty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to ed in 37 C.F.R. § 1.56.   |  |
| set over to ArvinMer<br>Delaware, and having<br>ASSIGNEE, its succe<br>the inventions and dis<br>other legal representa<br>foreign countries in its<br>said ASSIGNEE, its s<br>in and to said inventi  | in for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and ritor Technology, LLC, a limited liability company organized and existing under the laws of the state of ing a place of business at 2135 West Maple Road, Troy, Michigan 48084, hereinafter referred to as the essors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to accoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or atives to make applications and to receive Letters Patent for said inventions and discoveries in any and all is or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to successors, assigns or other legal representatives, all rights of priority, including any provisional applications, tions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, autions-in-part, divisionals, reexaminations and reissue applications. |  |
| And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over. |  |  |
| And I hereby represen  | at and warrant that I have not granted any rights inconsistent with the rights granted herein.   |  |
|  | e that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or nore than five (5) years or both.  |  |
| LEGAL NAME OF IN   |  |  |
| Inventor: PHILL  | JP LEICHT Date: 4/27/2017  |  |
| Signature:   | 4 4 4  |  |
| Page 1 of 2 (Suppleme  | ental Sheet with Additional Joint Inventors is attached if necessary)  |  |
| Note: An Application D   | tata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form,  |  |

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| Attorney Docket Number   MERIT 160085PUS   |
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# SUPPLEMENTAL SHEET FOR ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Additional Inventors Page 2 of 2

| Title of Invention                | GAS DELIVERY SYSTEM      |               |  |
|-----------------------------------|--------------------------|---------------|--|
| Legal Name of Ad                  | ditional Joint Inventor: |               |  |
|                                   | ZHA1                     | Date: 6/27/17 |  |
| Legal Name of Ad                  | ditional Joint Inventor: |               |  |
| Inventor: <u>DAVID</u> Signature: | EARL ROGERS              | Date:         |  |

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|--|--|
| Attorney Docket Number                 | MERIT 16008SPUS                        |

# SUPPLEMENTAL SHEET FOR ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Additional Inventors Page 2 of 2

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|--|---|--------------|---|
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|  | gas delivery system                     |              |   |
| <u>,</u>                                     |   |              |   |
| Legal Name of Addi                           | tional Joint Inventor:                  |              |   |
|  | <u> </u>                                | Date:        |   |
|  |   |              |   |
| Legal Name of Addi                           | tional Joint Inventor:                  |              |   |
|  | RLBOERS                                 | Date: 7/4/17 | - |

PATENT REEL: 042933 FRAME: 0945

RECORDED: 07/07/2017