503752916 03/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3799562

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|-----------------------|
| THOMAS FREDERICK LEININGER | 03/23/2016 |

RECEIVING PARTY DATA

| Name: | General Electric Company | |
|-----------------|--------------------------|--|
| Street Address: | 1 River Road | |
| City: | Schenectady | |
| State/Country: | NEW YORK | |
| Postal Code: | 12345 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15080043 |

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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.

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Correspondent Name: FLETCHER YODER, C/O TAIT SWANSON

Address Line 1: PO BOX 692289

Address Line 4: HOUSTON, TEXAS 77269-2289

| ATTORNEY DOCKET NUMBER: | 278151-1 (GETH:0663) |
|-------------------------|--|
| NAME OF SUBMITTER: | JASON D. GRIER |
| SIGNATURE: | /Jason D. Grier/ |
| DATE SIGNED: | 03/24/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 3

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PATENT 503752916 REEL: 038095 FRAME: 0726

COMBINED DECLARATION AND GLOBAL ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor, I hereby declare that:

This declaration and assignment are directed to:

| | SYSTEM AND METHOD FOR GASIFICATION |
|------------------------------|--|
| | the specification of which is attached hereto OR |
| | United States application or PCT international application number 15/080,043 filed on March 24, 2016, as amended on [date] (if applicable). (I hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.) |
| The above-ide | entified application was made or authorized to be made by me. |
| I believe that lapplication. | l am the original inventor or an original joint inventor of a claimed invention in the |
| | nowledge that any willful false statement made in this declaration is punishable § 1001 by fine or imprisonment of not more than five (5) years, or both. |
| | |

I acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with my obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and my employer), and/or for other good and valuable consideration of which I acknowledge receipt, I,

| Inventor First Name | Inventor Middle Name | Inventor Last Name | | Residence Town | Residence State | Residence Country |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| Thomas | Frederick | Leininger | of | Chino Hills | CA | US |

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PATENT REEL: 038095 FRAME: 0727

GE Docket No. 278151-1 SYSTEM AND METHOD FOR GASIFICATION

hereby sell and assign to:

| Name of Company: | General Electric Company |
|-------------------------|---|
| Entity Type (optional): | New York corporation |
| Address: | 1 River Road, Schenectady, New York 12345 USA |

herein referred to as "Company", its successors and assigns my entire rights, titles and interests in and to the invention and improvements made and conceived by me described in the application(s) listed above and in the following table:

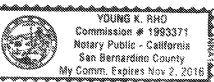
| Country of Filling | Type of Filing | Application Number | Filing Date | Title |
|--------------------|----------------|--------------------|-------------|-------|
| | | | | |
| | | | | |
| | | | | |

(I hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns and agree that on request and without further consideration, I will communicate to the Company or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor/assignor potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

| INVENTOR | | |
|--|--|----------------|
| Signature:Thomas Frederick Leininger | Date: | |
| Witnessed by:Signature | Date: | |
| Printed Name of Witness | ····· | |
| Witnessed by:Signature | Date: | |
| Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SI | | |
| Thomas Frederick Leininger C | | |
| COUNTY OF SAN BORNARDING | | |
| foregoing assignment, who acknowledged to r free will for the purposes therein set forth. | 16 before me personally came the above-naminally known as the individual who executed the same of his/her over the control of the same of his/her over the control of the same of the same of the same of the control of the same of the s | ed ne vn |



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