503098133 12/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3144739

| SUBMISSION TYPE: NEW AS | | | NT | |
|----------------------------------|--------------------------------------|--------------------|----|----------------|
| NATURE OF CONVEYANCE: ASSIGNMENT | | | | |
| CONVEYING PARTY D | ΑΤΑ | | | |
| | | Name | | Execution Date |
| EUGENE DELANO WHITE | | | | 05/09/2014 |
| RECEIVING PARTY DA | ТА | | | |
| Name: | Genera | I Electric Company | | |
| Street Address: | 1 River Road | | | |
| City: | Schenectady | | | |
| State/Country: | NEW YORK | | | |
| Postal Code: | 12345 | | | |
| Name: | ExxonMobil Upstream Research Company | | | |
| Street Address: | 3120 Buffalo Speedway | | | |
| City: | Houston | | | |
| State/Country: | TEXAS | | | |
| Postal Code: | 77098 | | | |
| PROPERTY NUMBERS | Total: 3 | | | |
| Property Type | | Number | |] |
| Application Number: | | 61911905 | |] |
| Application Number: | pplication Number: 14557068 | | | |
| | | | | |

CORRESPONDENCE DATA

PCT Number:

| Fax Number: | (281)970-4503 | | | |
|-------------------------|--|--|--|--|
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| ATTORNEY DOCKET NUMBER: | EMGE:0037 | | | |
| NAME OF SUBMITTER: | JASON M. GUERRERO | | | |
| SIGNATURE: | /Jason M. Guerrero/ | | | |

US1468453

12/12/2014

503098133

DATE SIGNED:

PATENT REEL: 034490 FRAME: 0549

Total Attachments: 3 source=2013EM036 259442-2 (EMGE0037) Assignment#page1.tif source=2013EM036 259442-2 (EMGE0037) Assignment#page2.tif source=2013EM036 259442-2 (EMGE0037) Assignment#page3.tif

GLOBAL ASSIGNMENT

In accordance with my/our obligation(s) under any applicable Employee Agreements or Services Agreements (such as between the undersigned and their respective employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

| Inventor First Name | Inventor Middle Name | Inventor Last Name | | Residence Town | Residence State | Residence Country |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| Eugene | Delano | White | of | Detroit | MI | US |

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 |

and

| Name of Company: ExxonMobil Upstream Research Company | | | | |
|---|--|--|--|--|
| Entity Type (optional): Delaware corporation | | | | |
| Address: 3120 Buffalo Speedway, Houston Texas 77098 USA | | | | |

herein referred to as the "Company" or "Companies", their successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made and conceived by us and described in the application(s) listed in the following table:

| Country of Filing | Type of Filing | Application Number | Filing Date | Title |
|-------------------|---------------------|--------------------|-------------|--|
| US | Provisional | 61/911,905 | 2013-12-04 | GAS TURBINE COMBUSTOR DIAGNOSTIC SYSTEM AND METHOD |
| US | Non- Provisional | 14/557,068 | 2014-12-01 | GAS TURBINE COMBUSTOR DIAGNOSTIC SYSTEM AND METHOD |

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| wo | PCT | PCT/US14/68453 | 2014-12-03 | GAS TURBINE COMBUSTOR DIAGNOSTIC SYSTEM AND METHOD |
|----|-----|----------------|------------|--|
|----|-----|----------------|------------|--|

(We hereby authorize and request the Company or Companies or their 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, continuations-in-part, 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 Companies, or their successors or assigns and agree that on request and without further consideration, we will communicate to the Companies or their representatives or nominees any facts known to us 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 or Companies, their 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(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

1A alme Signature: Eugene-Delano White

Witnessed by Signature OLMES HE71

Printed Name of Witness Witnessed by Signature

GRDISANA

19/2014 Date: 5/9/2

Date:

Date:

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Eugene Delano White

Date:

STATE OF

JOH

COUNTY OF

SS.

This _____ day of _____, 2014 before me personally came the above-named Eugene Delano White, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

PATENT REEL: 034490 FRAME: 0553

RECORDED: 12/12/2014