

**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2712648

|  |                                 |
|--|---------------------------------|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                  |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>  |                                 |
| Name   | Execution Date                  |
| JOHN SALLAS  | 01/29/2014                      |
| THIERRY AMEIL  | 01/30/2014                      |
| ROBERT DOWLE   | 01/30/2014                      |
| DOMINIQUE THOMAS   | 01/31/2014                      |
| <b>RECEIVING PARTY DATA</b>  |                                 |
| Name:  | CGG SERVICES SA                 |
| Street Address:  | 27, AVENUE CARNOT               |
| City:  | MASSY CEDEX                     |
| State/Country:   | FRANCE                          |
| Postal Code:   | 91341                           |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                 |
| Property Type  | Number                          |
| Application Number:  | 14172004                        |
| <b>CORRESPONDENCE DATA</b>   |                                 |
| Fax Number:  | (888)232-9785                   |
| Phone:   | 5403611863                      |
| Email:   | Tina@ppglaw.com                 |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> |                                 |
| Correspondent Name:  | PATENT PORTFOLIO BUILDERS, PLLC |
| Address Line 1:  | P.O. BOX 7999                   |
| Address Line 4:  | FREDERICKSBURG, VIRGINIA 22404  |
| ATTORNEY DOCKET NUMBER:  | 0336-247-3/100462               |
| NAME OF SUBMITTER:   | REMUS F. FETEA                  |
| Signature:   | /Remus F. Fetea/                |

**502666040**

**PATENT  
 REEL: 032137 FRAME: 0574**

Date:

02/04/2014

**Total Attachments: 5**

source=2014-02-03\_SIGNED\_Assignment\_0336-247-3\_100462#page1.tif

source=2014-02-03\_SIGNED\_Assignment\_0336-247-3\_100462#page2.tif

source=2014-02-03\_SIGNED\_Assignment\_0336-247-3\_100462#page3.tif

source=2014-02-03\_SIGNED\_Assignment\_0336-247-3\_100462#page4.tif

source=2014-02-03\_SIGNED\_Assignment\_0336-247-3\_100462#page5.tif

ASSIGNMENT

In accordance with my obligations 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 CGG Services SA, a French Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

**John SALLAS of Plano, TX, USA**

**Thierry AMEIL of Paris, FRANCE**

**Robert DOWLE of Massy, FRANCE**

**Dominique THOMAS of Gif-Sur-Yvette, FRANCE**

hereby sell and assign to **CGG Services SA**, having an address at 27, Avenue Carnot, 91341 Massy Cedex, France, hereinafter referred to as "Company", its successors and assigns my/our entire respective rights, titles and interests in and to the invention and improvements invented and originated by me and described in the US Patent Application No. 14/172,004 for United States Patent currently entitled:

**METHOD AND SYSTEM FOR PNEUMATIC CONTROL FOR VIBRATOR SOURCE  
ELEMENT**

filed on February 4, 2014

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 said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, its successors, or assigns. Further, I/we agree to execute all divisional, continuation, reexamination and reissue applications, and to make all rightful oaths related to obtaining proper patent protection for said invention and its improvements in all countries.

The undersigned hereby grant(s) the law firm of Patent Portfolio Builders the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

INVENTOR 1

Signature: John J. Sallas  
John SALLAS

Date: 29 January 2014

Witnessed by: [Signature]  
Signature

Date: 28.01.2014

Florencia De Saales  
Printed Name of Witness

Witnessed by: B. Yane  
Signature

Date: 29/01/2014

Bernadette Jarne  
Printed Name of Witness

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

\_\_\_\_\_  
John SALLAS

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss. \_\_\_\_\_

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named John SALLAS, 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)

INVENTOR 2

Signature: [Signature]  
Thierry AMEIL

Date: 30/01/2014

Witnessed by: [Signature]  
Signature

Date: 30/01/2014

DOUKKALI NASSIM  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 30/01/2014

BOISSANIER  
Printed Name of Witness

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

\_\_\_\_\_  
Thierry AMEIL

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss: \_\_\_\_\_


COUNTY OF \_\_\_\_\_

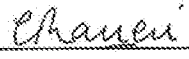
This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Thierry AMEIL**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.


Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature:  Date: 30/01/2014  
Robert DOWLE

Witnessed by:  Date: 30/01/2014  
Signature  
Catherine RANERI  
Printed Name of Witness

Witnessed by:  Date: 30 Jan 2014  
Signature  
Eleonora De Sordi  
Printed Name of Witness

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

\_\_\_\_\_  
Robert DOWLE Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

ss.

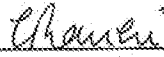
This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Robert DOWLE, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal  
\_\_\_\_\_  
(Notary Public)

INVENTOR 4

Signature:   
Dominique THOMAS

Date: Jan 31<sup>st</sup> 2014

Witnessed by:   
Signature

Date: 3/01/2014

Catherine Raneri  
Printed Name of Witness

Witnessed by:   
Signature

Date: 3/11/2014

Florentina De Saenz  
Printed Name of Witness

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

\_\_\_\_\_  
Dominique THOMAS

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss. \_\_\_\_\_

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Dominique THOMAS, 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)