503399106 07/20/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLOTTE SANCHIS	06/20/2014
BERNARD DESCHIZEAUX	06/25/2014

RECEIVING PARTY DATA

Name:	CGG SERVICES SA
Street Address:	27, AVENUE CARNOT
City:	MASSY CEDEX
State/Country:	FRANCE
Postal Code:	91341

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14761966

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ATTORNEY DOCKET NUMBER:	0336-245-2/100460	
NAME OF SUBMITTER:	ERIN M. RATHGEBER	
SIGNATURE:	/Erin M. Rathgeber/	
DATE SIGNED:	07/20/2015	

Total Attachments: 3

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PATENT 503399106 REEL: 036134 FRAME: 0434

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,

Charlotte SANCHIS of Oslo, NORWAY

Bernard DESCHIZEAUX of Aberdeen, GREAT BRITAIN

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. 14/761,966 for United States Patent currently entitled:

SYSTEMS AND METHODS FOR MULTI-VOLUME DIRECTIONAL DE-NOISING

filed on	July 20,	2015	

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.

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INVENTOR 1	
Signature: A A A A A A A A A A A A A A A A A A A	Date: <u>20-06-2014</u> Date: <u>20-06-2014</u>
Witnessed by: Therm Eller Signature THOMAS ELISOTH	Date: <u>20, 06, 20/</u> 9
Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNI	NG IN PRESENCE OF A NOTARY
	Date:
Charlotte SANCHIS	
STATE OF ss.	
This day of be named Charlotte SANCHIS, to me personally know foregoing assignment, who acknowledged to me the own free will for the purposes therein set forth.	vn as the individual who executed the
Seal	ð.
(Notary Public)	

Docket No. 0336-245-5/100460 "Assignment Signature Page"

TITLE: SYSTEMS AND METHODS FOR MULTI-VOLUME DIRECTIONAL DE-NOISING

Page 2 of 3

INVENTOR 2	
Signature:	Date: 25/06/2014
Witnessed by: Signature	Date: <u>95/06/7014</u>
A Je C Khali C Printed Name of Witness	
Witnessed by:Signature	Date: <u>25/6/14</u>
MANK SCHOOLS	
Printed Name of Witness	•
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY Date:
Bernard DESCHIZEAUX	
STATE OF se.	
This day of	_ before me personally came the above- ally known as the individual who executed the e that he/she executed the same of his/her
Seal	

Docket No. 0336-245-5/100460 "Assignment Signature Page" TITLE: SYSTEMS AND METHODS FOR MULTI-VOLUME DIRECTIONAL DE-NOISING

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(Notary Public)

PATENT REEL: 036134 FRAME: 0437