

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAELIG CASTOR	07/21/2014
THOMAS BIANCHI	07/21/2014
JOHN SALLAS	07/16/2014
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:	14894560
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	0336-345-2/100537
NAME OF SUBMITTER:	TINA JENKINS
SIGNATURE:	/Tina Jenkins/
DATE SIGNED:	12/01/2015
Total Attachments: 4	
source=2014-07-21_SIGNED_Assignment_0336-345-2_100537#page1.tif	
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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,

Kaelig CASTOR of Paris, FRANCE

Thomas BIANCHI of Paris, FRANCE

John SALLAS of Plano, Texas, USA

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. **14/894,560** for United States Patent currently entitled:

INSTANTANEOUS FREQUENCY MODULATION ACQUISITION SCHEME FOR SEISMIC SOURCES

filed on **November 30, 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.

Docket No. 0336-345-2/100537 "Assignment Signature Page"
TITLE: INSTANTANEOUS FREQUENCY MODULATION ACQUISITION SCHEME FOR SEISMIC SOURCES

INVENTOR 1

Signature: [Handwritten Signature]
Kaelig CASTOR

Date: 21/07/2014

Witnessed by: [Handwritten Signature]
Signature

Date: 21/07/2014

J. J. Postal
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 21/07/2014

M. MONTAIGANT
Printed Name of Witness

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

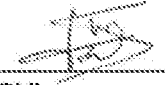
_____ Date: _____
Kaelig CASTOR
STATE OF _____
ss. _____
COUNTY OF _____


This _____ day of _____, _____ before me personally came the above-named Kaelig CASTOR, 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:  Date: 2/17/2014
Thomas BIANCHI

Witnessed by:  Date: 2/17/2014
Signature

D.C. MONTALANT
Printed Name of Witness

Witnessed by:  Date: 2/10/2014
Signature

P. HERRMANN
Printed Name of Witness

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

Thomas BIANCHI Date: _____
STATE OF

ss.
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas BIANCHI**, 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)

Docket No. 0336-345-2/100537 "Assignment Signature Page"
TITLE: INSTANTANEOUS FREQUENCY MODULATION ACQUISITION SCHEME FOR SEISMIC SOURCES

INVENTOR 3

Signature: _____ Date: _____
John SALLAS

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

Witnessed by: _____ Date: _____
Signature

Printed Name of Witness

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

John Sallas
John SALLAS
STATE OF Texas

Date: 16 JULY 2014

COUNTY OF Gallatin ss.

This 16th day of July, 2014 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

Mehrnaz Ahmadi-Tehrani
(Notary Public)

