505107701 09/24/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS ELBOTH	09/21/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16139305

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ATTORNEY DOCKET NUMBER:	0336-681/101180
NAME OF SUBMITTER:	AMANDA GOODE
SIGNATURE:	/AMANDA GOODE/
DATE SIGNED:	09/24/2018

Total Attachments: 2

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PATENT 505107701 REEL: 046948 FRAME: 0947

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 SAS, a French Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Thomas ELBOTH of Oslo, NORWAY

hereby sell and assign to CGG Services SAS, 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. 16/139,305 for United States Patent currently entitled:

SEISMIC DATA ACQUISITION WITH DUAL/TRIPLE SOURCES AND HEXA-SOURCE

filed on September 24, 2018

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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TITLE: SEISMIC DATA ACQUISITION WITH DUAL/TRIPLE SOURCES AND HEXA-SOURCE				
INVENTOR 1 Signature: Thomas ELBOTH	Date: <u>2709/8</u>			
Witnessed by: Signature	Date: 21/09/18			
STEVEN MCDONACD Printed Name of Witness Witnessed by: Signature SIGNAVO SLAVO7 Printed Name of Witness	Date: <u>R.4/09/18</u>			
SECTION BELOW IS FOR USE ONLY IF SIGN	ING IN PRESENCE OF A NOTARY			
Thomas ELBOTH	Date:			
STATE OF ss.				
Thisday ofbe named Thomas ELBOTH, to me personally known foregoing assignment, who acknowledged to me the own free will for the purposes therein set forth.	as the individual who executed the			
Seal				

Docket No. 0336-681/101180 "Assignment Signature Page"

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(Notary Public)

PATENT REEL: 046948 FRAME: 0949