

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6643223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
THE BANK OF NEW YORK MELLON	04/01/2021
RECEIVING PARTY DATA	
Name:	CGG HOLDING (U.S.) INC.
Street Address:	10300 TOWN PARK DR.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072
Name:	CGG SERVICES (U.S.) INC.
Street Address:	10300 TOWN PARK DR.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 9	
Property Type	Number
Patent Number:	6645004
Patent Number:	6928367
Patent Number:	7859945
Patent Number:	8619500
Patent Number:	8619498
Patent Number:	9733375
Patent Number:	8792303
Patent Number:	9151859
Patent Number:	9116256
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:	747653
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NAME OF SUBMITTER:	JEAN PATERSON
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SIGNATURE:	/jep/
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DATE SIGNED:	04/07/2021
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Total Attachments: 2

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Release of Patent Interests

This Release of Patent Security Interest is executed as of this 1st day of April, 2021, by The Bank of New York Mellon, in its capacity as U.S. collateral agent for the Secured Parties (in such capacity, together with any successor thereof, the **"U.S. Collateral Agent"**), for the benefit of CGG Holding (U.S.) Inc. and CGG Services (U.S.) Inc. (the **"Grantors"**).

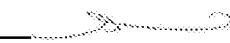
WITNESSETH:

WHEREAS, pursuant to the First Lien Patent Security Agreement dated as of April 24, 2018 (the **"IP Security Agreement"**; any capitalized term used but not otherwise defined herein shall have the meaning assigned to such term in the IP Security Agreement) between the Grantors and the Security Agent, which IP Security Agreement was recorded in the U.S. Patent and Trademark Office (the **"Office"**) on April 24, 2018, at Reel 046030, Frame 0722, the Grantors have granted a security interest in their right, title and interest in and to the intellectual property listed in Schedule 1 (the **"Intellectual Property"**) to the U.S. Collateral Agent, for the benefit of the Secured Parties.

WHEREAS, the U.S. Collateral Agent, (acting on behalf of the Secured Parties) has agreed to release the security interests created under the IP Security Agreement on the terms and conditions set forth in that certain Global Deed of Release, dated April 1, 2021, between the U.S. Collateral Agent, the Grantors and certain other parties thereto.

NOW, THEREFORE, in consideration of the foregoing and for other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the U.S. Collateral (acting on behalf of the Secured Parties), hereby releases the security interests over the Intellectual Property created by the IP Security Agreement as of the date first written above. This Release shall be governed by and construed in accordance with the laws of the State of New York (including, without limitation, Section 5-1401 of the General Obligations Law of the State of New York), without regard to conflict of laws principles that would require application of another law. This Release will be binding upon and inure to the benefit of each party and its successors and assigns.

THE BANK OF NEW YORK MELLON,
as U.S. Collateral Agent

By 
Name: **Marco**
Title: **Thuo**

Schedule 1

Released Intellectual Property

Released Patent and Patent Applications

United States Patents:

Legal Owner/ Grantor	Filing Date	Filing Number	Publication Number	Grant Date	Grant Number	Official Title
CGG Holding (U.S.) Inc.	01/22/2002	10/054,254	2003-0139090	11/11/2003	6,645,004	Geophone keyway tee protective casing
CGG Holding (U.S.) Inc. Abdel Zekkou Prism Holding Corporation	09/26/2003	10/672045	2004-0117121	08/09/2005	6,928,367	Reservoir fracture characterization
CGG Holding (U.S.) Inc.	06/07/2007	11/774,055	US-2009-0010103	12/28/2010	7,859,945	Efficient Seismic Data Acquisition with Source Separation
CGG Services (U.S.) Inc.	01/24/2011	13/012,110	US-2011-0182144-AI	12/31/2013	8,619,500	Method and systems for estimating stress using seismic data
CGG Services (U.S.) Inc.	01/26/2011	13/013,988	US-2012-0075954-AI	12/31/2013	8,619,498	Device and Method for Calculating 3D Angle Gathers from Reverse Time Migration
CGG Services (U.S.) Inc.	01/03/2011	13/037,794	2012-0224453	08/15/2017	9,733,375	Method and Device for Alternating Depths Marine Seismic Acquisition
CGG Services (U.S.) Inc.	11/03/2011	13/046,447	US-2011/0222370	07/29/2014	8,792,303	Methods and Systems for Performing Azimuthal Simultaneous Elastic Inversion
CGG Services (U.S.) Inc.	09/12/2009	12/634,169	2010-0149910	10/06/2015	9,151,859	Seismic array towing system
CGG Services (U.S.) Inc.	07/18/2011	13/184,827	2013-0021873	08/25/2015	9,116,256	Method and device for wave fields separation in seismic data

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