

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI106813

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CGG Data Services SA	06/30/2021
RECEIVING PARTY DATA	
Company Name:	CGG MPH Switzerland SA
Street Address:	18-20 rue Philippe-Plantamour
Internal Address:	c/o Intertrust (Suisse) SA
City:	Geneva
State/Country:	SWITZERLAND
Postal Code:	1201
PROPERTY NUMBERS Total: 10	
Property Type	Number
Application Number:	10155933
Application Number:	10492391
Application Number:	12098062
Application Number:	14356746
Application Number:	15668779
Application Number:	14421502
Application Number:	14431991
Application Number:	15621008
Application Number:	16025004
Application Number:	14432614
CORRESPONDENCE DATA	
Fax Number:	4142715770
<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>	
Phone:	414-223-3772
Email:	mariem@andruslaw.com
Correspondent Name:	Marie Mikolainis
Address Line 1:	790 North Water Street, Suite 2200
Address Line 4:	Milwaukee, WISCONSIN 53202-3734

ATTORNEY DOCKET NUMBER:	7050-00011
NAME OF SUBMITTER:	Marie Mikolainis
SIGNATURE:	Marie Mikolainis
DATE SIGNED:	03/20/2024

Total Attachments: 9

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Dated 30 June 2021

CGG Services SAS
and
CGG Data Services SA
and
CGG MPH Switzerland SA

PATENT ASSIGNMENT AGREEMENT

Patent Assignment

This Agreement is made on 30 June 2021 **between:**

- (1) **CGG Services SAS** a company incorporated in France whose registered office is at 27 Avenue Carnot, 91300 Massy, France registered with the Evry Business Register under number 403 256 944; and
- (2) **CGG Data Services SA** a company incorporated in Switzerland, whose registered office is at rue Philippe-Plantamour 18, c/o Intertrust (Suisse) SA, 1201 Genève, registered with the commercial register of the Canton of Geneva under number CHE-104.347.070

(together referred to as the “**Assignor**”), and
- (3) **CGG MPH Switzerland SA** a company incorporated in Switzerland whose registered office is at 18-20 rue Philippe-Plantamour, c/o Intertrust (Suisse) SA, 1201 Genève, registered with the register of the Canton of Geneva under number CHE-313.077.232 (the “**Assignee**”).

Whereas:

- (A) the Assignor is the proprietor of the Patents (as defined below);
- (B) the Assignor has agreed to assign all of its right, title and interest in and to the Patents to the Assignee on the terms of this Agreement; and

It is agreed as follows.

1 Definitions and interpretation

1.1 Definitions

In this Agreement, the following capitalised terms shall have the meanings set out below:

“**Patents**” means the patents and patent applications listed in Schedule 1 to this Agreement.

1.2 Interpretation

In this Agreement, unless otherwise specified:

- 1.2.1 references to this Agreement shall include any Recitals and the Schedule to it and references to Recitals, Clauses and Schedule are to clauses of, and recitals and the schedule to, this Agreement;
- 1.2.2 headings shall be ignored in interpreting this Agreement; and

- 1.2.3 the words “including”, “include”, “in particular”, and words of similar effect shall not be deemed to limit the general effect of the words that precede them.

2 Assignment

- 2.1 In consideration of the sum of \$1 (one dollar), the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby assigns to the Assignee all of its right, title and interest in and to the Patents, including:

- 2.1.1 in respect of each patent application comprised within the Patents, the right to prosecute, to grant and obtain any patent or similar protection deriving from, any such application;
- 2.1.2 in respect of any invention disclosed in the Patents, the right to make patent applications, including divisional, and claim priority from, prosecute to grant and obtain patent or similar protection deriving from, any such invention, anywhere in the world;
- 2.1.3 in any patent or patent application derived (whether directly or indirectly) from any patent application from which any Patent was derived (whether directly or indirectly);
- 2.1.4 in all patents and other intellectual property rights that derive priority from, or are based on, the Patents, or any patent deriving from any patent application comprised within the Patents, including any term extensions, divisionals, continuations, continuations-in-part, reissues and extensions; and
- 2.1.5 all rights of action arising or accrued relating to the Patents and any patents deriving from any patent application comprised within the Patents, including the right to take and/or defend proceedings for infringement and/or other causes of action arising from ownership thereof, and the right to seek, recover and retain damages and/or an account of profits and all other remedies for all past, current and/or future infringements thereof.

3 Warranties

- 3.1 The assignment of the Patents foreseen in this Agreement is and will be made on a “as is” basis, and the Assignor, to the extent authorized by law, has not made, does not make and specifically negates and disclaims any representations, warranties or guaranties of any kind, other than the sole existence of the Patents.

4 Further Assurance

- 4.1 Each party shall be entitled to register the assignment of the Patents foreseen in this Agreement before the relevant patent offices at its own cost and to request the other party to execute such documents and do such acts and things that may be reasonably required for the purpose of giving any party the full benefit of this agreement.

- 4.2 The Assignor shall provide the Assignee with all information and other assistance reasonably required by the Assignee to conduct, defend or settle any relevant claims, actions or proceedings relating to any of the rights assigned by this Agreement.

5 Invalidity

- 5.1 If any provision in this Agreement shall be held to be illegal, invalid or unenforceable, in whole or in part, the provision shall apply with whatever deletion or modification is necessary so that the provision is legal, valid and enforceable and gives effect to the commercial intention of the parties.
- 5.2 To the extent it is not possible to delete or modify the provision, in whole or in part, under Clause 5.1, then such provision or part of it shall, to the extent that it is illegal, invalid or unenforceable, be deemed not to form part of this Agreement and the legality, validity and enforceability of the remainder of this Agreement shall, subject to any deletion or modification made under Clause 5.1, not be affected.

6 Whole Agreement

This Agreement contains the whole agreement between the Assignor and the Assignee relating to the subject matter of this Agreement at the date of this Agreement, to the exclusion of any terms implied by law which may be excluded by contract, and supersedes any previous written or oral agreement between the Assignor and the Assignee in relation to the matters dealt with in this Agreement. The Assignee agrees and acknowledges that, in entering into this Agreement, it is not relying on any representation, warranty or undertaking not expressly incorporated into it. Nothing in this Clause 6 excludes or limits any liability for fraud.

7 Counterparts

This Agreement may be entered into in any number of counterparts, all of which taken together shall constitute one and the same instrument. The Assignor and the Assignee may enter into this Agreement by executing any such counterpart.

8 Governing Law and jurisdiction


- 8.1 This Agreement and any non-contractual obligations arising out of or in connection with it shall be governed by French law.
- 8.2 Each party irrevocably agrees that the Paris Civil Court (*Tribunal Judiciaire de Paris*) shall have exclusive jurisdiction to settle any dispute which may arise out of or in connection with this Agreement and that accordingly any proceedings arising out of or in connection with this Agreement shall be brought in such courts. Each party irrevocably submits to the jurisdiction of such courts and waives any objection to proceedings in any such court on the ground of venue or on the ground that the proceedings have been brought in an inconvenient forum.

In witness whereof this Agreement has been entered into on the date stated at the beginning.

SIGNED for and on behalf of

CGG Services SAS by:


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DocuSigned by:

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SIGNED for and on behalf of

CGG Data Services SA by:


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DocuSigned by:

7FDCAF491326478...

SIGNED for and on behalf of

CGG MPH Switzerland SA by:

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DocuSigned by:

713D10F9A2694CC...

Schedule 1

Patents

Patent Title	Country	Application No.
Assigned by CGG Data Services SA		
GRAVITY SURVEYS	Australia	2002304979
GRAVITY SURVEYS	Brazil	PI 0210514-4
GRAVITY SURVEYS	Canada	2,487,276
GRAVITY SURVEYS	Chile	2765-2004
GRAVITY SURVEYS	South Africa	2003/02795
METHOD AND SYSTEM FOR CONDUCTING AIRBORNE GRAVITY SURVEYS	United States of America	10/155,933
AIRBORNE GEOPHYSICAL MEASUREMENTS	Australia	2002328690
AIRBORNE GEOPHYSICAL MEASUREMENTS	Canada	2,847,625
AIRBORNE GEOPHYSICAL MEASUREMENTS	Canada	2 925 829
AIRBORNE GEOPHYSICAL MEASUREMENTS	Canada	2,467,034
AIRBORNE GEOPHYSICAL MEASUREMENTS	South Africa	2004/3526
METHODS OF ADJUSTING AIRBORNE GEOPHYSICAL MEASUREMENTS BASED ON MAPPING INSTRUMENT MEASUREMENTS	United States of America	10/492,391
AIRBORNE VECTOR MAGNETIC SURVEYS	Australia	2003202323
AIRBORNE VECTOR MAGNETIC SURVEYS	Canada	2,475,804
AIRBORNE VECTOR MAGNETIC SURVEYS	Chile	200300277
AIRBORNE VECTOR MAGNETIC SURVEYS	South Africa	2004/06412
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	Australia	2012204041
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	Australia	2008201557
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	Canada	2,780,954
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	Canada	2,628,914
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	Mexico	2008/008390
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	South Africa	2008/03040
AIRBORNE ELECTROMAGNETIC (EM) SURVEY SYSTEM	United States of America	12/098,062
AIRBORNE ELECTROMAGNETIC SYSTEM WITH RIGID LOOP STRUCTURE COMPRISED OF LIGHTWEIGHT MODULAR NON-ROTATIONAL FRAMES	Australia	2012334757
AIRBORNE ELECTROMAGNETIC SYSTEM WITH RIGID LOOP STRUCTURE COMPRISED OF LIGHTWEIGHT MODULAR NON-ROTATIONAL FRAMES	Canada	2 854 871
AIRBORNE ELECTROMAGNETIC SYSTEM WITH RIGID LOOP STRUCTURE COMPRISED OF LIGHTWEIGHT MODULAR NON-ROTATIONAL FRAMES	South Africa	2014/03366
AIRBORNE ELECTROMAGNETIC SYSTEM WITH RIGID LOOP STRUCTURE COMPRISED OF LIGHTWEIGHT MODULAR NON-ROTATIONAL FRAMES	United States of America	14/356 746
SYSTEM AND METHOD FOR GEOPHYSICAL SURVEYING USING ELECTROMAGNETIC FIELDS AND GRADIENTS	South Africa	2014/07054
AIRBORNE ELECTROMAGNETIC SYSTEM WITH LARGE SUSPENSION COIL A	Australia	2013302262

Patent Title	Country	Application No.
AIRBORNE ELECTROMAGNETIC SYSTEM WITH LARGE SUSPENSION COIL A	Canada	2 882 274
AIRBORNE ELECTROMAGNETIC SYSTEM WITH LARGE SUSPENSION COIL A	United States of America	15/668 779
AIRBORNE ELECTROMAGNETIC SYSTEM WITH LARGE SUSPENSION COIL A	United States of America	14/421 502
MULTIPLE RECEIVERS FOR AIBORNE ELECTROMAGNETIC SURVEYING	Canada	2 886 572
MULTIPLE RECEIVERS FOR AIBORNE ELECTROMAGNETIC SURVEYING	United States of America	14/431 991
ELECTROMAGNETIC SYSTEM UTILIZING MULTIPLE PULSE TRANSMITTER WAVEFORMS	Canada	2 887 507
ELECTROMAGNETIC SYSTEM UTILIZING MULTIPLE PULSE TRANSMITTER WAVEFORMS	United States of America	15/621 008
ELECTROMAGNETIC SYSTEM UTILIZING MULTIPLE PULSE TRANSMITTER WAVEFORMS	United States of America	16/025,004
ELECTROMAGNETIC SYSTEM UTILIZING MULTIPLE PULSE TRANSMITTER WAVEFORMS	United States of America	14/432 614
Assigned by CGG Services SAS		
SYSTEM AND METHOD FOR TWO DIMENSIONAL GRAVITY MODELING WITH VARIABLE DENSITIES	United States of America	15/111 228
SYSTEMS AND METHODS FOR ACTIVE CANCELLATION OF TRANSIENT SIGNALS AND DYNAMIC LOOP CONFIGURATION	Australia	2015207977
SYSTEMS AND METHODS FOR ACTIVE CANCELLATION OF TRANSIENT SIGNALS AND DYNAMIC LOOP CONFIGURATION	Canada	2 899 357
SYSTEMS AND METHODS FOR ACTIVE CANCELLATION OF TRANSIENT SIGNALS AND DYNAMIC LOOP CONFIGURATION	United States of America	14/817 772
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Australia	2015249548
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Australia	2020277204
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Canada	2,946,688
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	European Procedure	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Denmark	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	France	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Germany	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Netherlands	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Norway	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Spain	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	Sweden	15 747 527.8
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	United States of America	16/273 256

Patent Title	Country	Application No.
SYSTEMS AND METHODS FOR MULTIPLE BANDWIDTH ELECTROMAGNETIC GEOPHYSICAL EXPLORATION	United States of America	15/305 769
Method and System for Broadband Measurements Using Multiple Electromagnetic Receivers	Australia	2015200963
Method and System for Broadband Measurements Using Multiple Electromagnetic Receivers	Australia	2020267292
Method and System for Broadband Measurements Using Multiple Electromagnetic Receivers	Canada	2 884 636
Method and System for Broadband Measurements Using Multiple Electromagnetic Receivers	United States of America	15/647 735
Method and System for Broadband Measurements Using Multiple Electromagnetic Receivers	United States of America	14/619 610
Magnetometer Signal Sampling within Time-Domain EM Transmitters and Method	Australia	2016203396
Magnetometer Signal Sampling within Time-Domain EM Transmitters and Method	Canada	2 931 211
A Geophysical Survey System Using Hybrid Aircraft	United States of America	14/615 718
Electromagnetic receiver tracking and real-time calibration system and method	Australia	2015201655
Electromagnetic receiver tracking and real-time calibration system and method	Australia	2020202351
Electromagnetic receiver tracking and real-time calibration system and method	Canada	2 887 092
Electromagnetic receiver tracking and real-time calibration system and method	United States of America	15/966,252
Electromagnetic receiver tracking and real-time calibration system and method	United States of America	16/419 322
Electromagnetic receiver tracking and real-time calibration system and method	United States of America	14/678 228
Low Frequency Receiver Coil Suspension System	Australia	2015260938
Low Frequency Receiver Coil Suspension System	Australia	2020286263
Low Frequency Receiver Coil Suspension System	Canada	2 947 992
Low Frequency Receiver Coil Suspension System	United States of America	16/025,005
Low Frequency Receiver Coil Suspension System	United States of America	16/410 307
Low Frequency Receiver Coil Suspension System	United States of America	15/308 653
Apparatus for Airborne Geophysical Prospecting using both Natural and Controlled Source Fields and Method.	Australia	2015268581
Apparatus for Airborne Geophysical Prospecting using both Natural and Controlled Source Fields and Method.	Canada	2 914 288
Apparatus for Airborne Geophysical Prospecting using both Natural and Controlled Source Fields and Method.	United States of America	14/961 973
Multi-Sensor System for Airborne Geophysical Prospecting and Method	Canada	2 915 132
Multi-Sensor System for Airborne Geophysical Prospecting and Method	United States of America	17/182 399
Multi-Sensor System for Airborne Geophysical Prospecting and Method	United States of America	16/880,360
Multi-Sensor System for Airborne Geophysical Prospecting and Method	United States of America	15/900 915
Multi-Sensor System for Airborne Geophysical Prospecting and Method	United States of America	14/966 059
SYSTEM AND METHOD FOR GRAVITY AND/OR GRAVITY GRADIENT TERRAIN CORRECTIONS	Australia	2016305571
SYSTEM AND METHOD FOR GRAVITY AND/OR GRAVITY GRADIENT TERRAIN CORRECTIONS	Canada	2 994 789
SYSTEM AND METHOD FOR GRAVITY AND/OR GRAVITY GRADIENT TERRAIN CORRECTIONS	United States of America	15/737 774
Apparatus and Method for Determining Earth's Near-Surface Properties with On-Time Measurements from Airborne Time-Domain Electromagnetic Data	Australia	2016314055

Patent Title	Country	Application No.
Apparatus and Method for Determining Earth's Near-Surface Properties with On-Time Measurements from Airborne Time-Domain Electromagnetic Data	Canada	2 996 023
Apparatus and Method for Determining Earth's Near-Surface Properties with On-Time Measurements from Airborne Time-Domain Electromagnetic Data	United States of America	15/738 685