

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7381241

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CGG SERVICES SAS	06/09/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SERCEL SAS
<b>Street Address:</b>	16, RUE DE BEL AIR
<b>City:</b>	CARQUEFOU
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-44470
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8427903
Patent Number:	9301258
Patent Number:	9470805
Patent Number:	9507040
Patent Number:	10018743
Patent Number:	10261202
Patent Number:	10310125
Patent Number:	10793241
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(888)232-9785
<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>	
<b>Phone:</b>	540-361-2601
<b>Email:</b>	Joann@ppblaw.com
<b>Correspondent Name:</b>	PATENT PORTFOLIO BUILDERS PLLC
<b>Address Line 1:</b>	P.O. BOX 7999
<b>Address Line 2:</b>	SUITE 113-314
<b>Address Line 4:</b>	FREDERICKSBURG, VIRGINIA 22406
<b>ATTORNEY DOCKET NUMBER:</b>	0337-000
<b>NAME OF SUBMITTER:</b>	JO ANN ENNIS
<b>SIGNATURE:</b>	/JOANNENNIS/

PATENT

<b>DATE SIGNED:</b>	06/14/2022
<b>Total Attachments: 2</b> source=3_Assignment_CGG-Services-SAS-to-SERCEL-SAS#page1.tif source=3_Assignment_CGG-Services-SAS-to-SERCEL-SAS#page2.tif	

**CONFIRMATIVE ASSIGNMENT**

WHEREAS, **CGG Services SAS**, a corporation organized and existing under and by virtue of the laws of France, having an office at 27, avenue Carnot, F- 91300 Massy, is the owner of the entire right, title and interest in and to the Patent Applications and Patents in the United States which are listed in Appendix 1 by previous assignment(s):

WHEREAS, **SERCEL SAS**, a corporation organized and existing under and by virtue of the laws of France, having an office at 16, rue de Bel Air, F-44470 CARQUEFOU, is desirous of acquiring the entire right, title and interest in and to the invention(s) described and claimed in said Patent Applications and Patents;

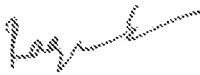
NOW, THEREFORE, for and in consideration of the sum agreed between CGG Services SAS and SERCEL SAS in a separate agreement between Emmanuel ODIN for CGG Services SAS and Daniel BOUCARD for SERCEL SAS, **CGG Services SAS** does hereby sell, assign and transfer unto **SERCEL SAS**, its successors and assigns, its entire undivided right, title and interest in and to the Patent Applications, Patents and the invention(s) therein contained, including the right to sue for past infringement, to be held and enjoyed by **SERCEL SAS**, its successors and assigns the same as it would have been held and enjoyed by **CGG Services SAS**, if this assignment and sale had not been made.

The undersigned hereby grant the law firm of Patent Portfolio Builders the power to insert on this Assignment any further identification that 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.

IN TESTIMONY WHEREOF, the parties have caused this assignment to be executed by their duly authorized representatives this 9 day of June, 2022.

**CGG Services SAS**

**SERCEL SAS**

By:   
Raghuram Kannan  
Patent Manager

By:   
Laurence Péru  
VP IP

Appendix 1

<i>Filing date</i>	<i>filing number</i>	<i>int. Ref</i>	<i>publication</i>
27-May-10	13/322,675	P100111	US8427903
08-Oct-13	14/048,440	P100391	US9301258
11-Dec-13	14/103,177	P100406	US9470805
03-Feb-14	14/170,741	P100485	US9507040
20-Oct-15	15/518,813	P100868	US10261202
15-Dec-15	14/969,247	P100906	US10018743
23-Feb-17	15/440,438	P101062	US10310125
14-Mar-18	15/920,559	P101146	US10793241