

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4212364

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QINETIQ LIMITED	06/30/2016
RECEIVING PARTY DATA	
Name:	GEODYNAMICS, INC.
Street Address:	10500 WEST INTERSTATE 20
City:	MILLSAP
State/Country:	TEXAS
Postal Code:	76066
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8220394
CORRESPONDENCE DATA	
Fax Number:	(972)367-2002
<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:	972-367-2001
Email:	pnewton@cclaw.com
Correspondent Name:	CARSTENS & CAHOON, LLP
Address Line 1:	P.O. BOX 802334
Address Line 4:	DALLAS, TEXAS 75380
ATTORNEY DOCKET NUMBER:	AGEOD.0165
NAME OF SUBMITTER:	DAVID W. CARSTENS
SIGNATURE:	/David W. Carstens/
DATE SIGNED:	01/05/2017
Total Attachments: 3	
source=AGEOD.0165 Confirmatory Assignment (signed)#page1.tif	
source=AGEOD.0165 Confirmatory Assignment (signed)#page2.tif	
source=AGEOD.0165 Confirmatory Assignment (signed)#page3.tif	

THIS CONFIRMATORY ASSIGNMENT is dated effective as of June 30, 2016 and is by and between

- (1) QinetiQ Limited, a company incorporated under the laws of England with an address at Cody Technology Park, Farnborough, Hampshire GU14 0LX (the "Assignor"); and
- (2) GEODynamics, Inc., a company incorporated under the laws of the State of Delaware with an address at 10500 West Interstate 20, Millsap, Texas 76066 (the "Assignee").

WHEREAS

- (1) The Assignor was the owner of an intellectual property portfolio relating to shaped-charged technology as set out in Annex 1 (The "Portfolio");

CONFIRMATION OF ASSIGNMENT

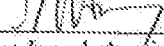
- (1) The Assignor confirms that by way of a Patent Assignment And Licence agreement dated 30 June 2016 (the "Patent Assignment and Licence"), it has assigned, to the Assignee, by virtue of agreement between the Assignor and the Assignee, and for the consideration specified in the Patent Assignment and License, all its right, title and interest in and to the Portfolio, to be held and enjoyed by Assignee forever, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, and in and to all and any inventions disclosed in the Portfolio, subject to the clauses of the Patent Assignment And Licence, including:
 - (a) the right to claim priority from and to prosecute and obtain grant of patents pursuant to the Portfolio; and
 - (b) the right to file related applications, including continuations, continuations-in-part, and divisional applications based thereon and to prosecute and obtain grant of patents on each and any such application;
 - (c) in respect of each and any invention disclosed in the Portfolio, the right to file an application, claim priority from such application, and prosecute and obtain grant of patents or similar protection in or in respect of any country or territory in the world;
 - (d) the right to extend to or register in or in respect of any country or territory in the world any patents granted on the Portfolio, and each and any of the applications filed as aforesaid, and to extend to or register in, or in respect of, any country or territory in the world any patent or like protection granted on any of such applications;
 - (e) the absolute entitlement to any patents granted pursuant to any of the applications filed as aforesaid; and
 - (f) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any patents granted on the Portfolio or any patents granted on any of the applications filed as aforesaid, whether occurring before on or after the date of this document.

With sub-paragraphs (a) to (i) inclusive being subject to the provisions of the Patent Assignment and Licence.

- (2) The purpose of this document is solely to confirm the assignment by the Assignor of the rights, title and interests in and to the Portfolio to the Assignee and it is not intended to replace, supersede, modify or otherwise affect the operation of the terms of the Patent Assignment and Licence, being the contract pursuant to which such assignment was agreed and effected. The parties acknowledge and agree that the Patent Assignment and Licence is the determinative document pursuant to which such assignment was agreed and effected, and matters concerning the assignment are governed, and that this document serves only a confirmatory purpose and not does by itself create rights or obligations as between the parties.

Assignor:


QinetiQ Limited

By: 
Name: Joseph Austin Hewins
Title: Group Head of Legal

Date: 21 December 2016

Assignee:

GEODynamics, Inc.

By: 
Name: David S. Wessen
Title: CEO and President

Date: 5 January 2017

Portfolio

Country Code	Country	Status	Priority Date	Application No	Filing Date	Patent No
AU	Australia	Granted	10-Oct-03	2004279987	08-Oct-04	2004279987
BR	Brazil	Pending	10-Oct-03	PI0415238-7	08-Oct-04	n/a
CA	Canada	Granted	10-Oct-03	2541174	08-Oct-04	2541174
CN	China	Granted	10-Oct-03	200480035433.5	08-Oct-04	ZL200480035433.5
DE	Germany	Granted	10-Oct-03	04768790.0	08-Oct-04	60 2004 033 297.6
EP	Europe	Granted	10-Oct-03	04768790.0	08-Oct-04	1671013
FR	France	Granted	10-Oct-03	04768790.0	08-Oct-04	1671013
GB	United Kingdom	Granted	10-Oct-03	04768790.0	08-Oct-04	1671013
MX	Mexico	Granted	10-Oct-03	2006/003800	08-Oct-04	271014
NO	Norway	Granted	10-Oct-03	2006 1593	08-Oct-04	332903
RO	Romania	Granted	10-Oct-03	04768790.0	08-Oct-04	1671013
US	United States	Granted	10-Oct-03	10/574999	08-Oct-04	8220394