

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3308914

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ELEMENT SIX LIMITED	03/27/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ELEMENT SIX TECHNOLOGIES LIMITED	
<b>Street Address:</b>	GLOBAL INNOVATION CENTRE, FERMI AVENUE	
<b>Internal Address:</b>	HARWELL OXFORD, DIDCOT	
<b>City:</b>	OXFORDSHIRE	
<b>State/Country:</b>	UNITED KINGDOM	
<b>Postal Code:</b>	OX11 0QR	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13144512
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(314)259-2020	
<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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<b>Correspondent Name:</b>	BENJAMIN J. SODEY	
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<b>ATTORNEY DOCKET NUMBER:</b>	PF5265USW0_0324198	
<b>NAME OF SUBMITTER:</b>	BENJAMIN J. SODEY	
<b>SIGNATURE:</b>	/Benjamin J. Sodey/	
<b>DATE SIGNED:</b>	04/14/2015	
<b>Total Attachments: 3</b>		
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**ASSIGNMENT****PARTIES:**

- (1) **Element Six Limited** (registered in the Isle of Man under company no. 032530C) of Isle of Man Freeport, PO Box 6, Ballasalla, Isle of Man, IM99 6AQ (the "Assignor"); and
- (2) **Element Six Technologies Limited** (registered in England under company no. 08206603) having its registered office at Global Innovation Centre, Fermi Avenue, Harwell Oxford, Didcot, Oxfordshire OX11 0QR, UK, previously at 3<sup>rd</sup> Floor, Building 4, Chiswick Park, 566 Chiswick High Road, London W4 5YE, UK (the "Assignee");

each a "Party" and together the "Parties".

**BACKGROUND**

- A By an agreement effective 31 December 2013 the Assignor assigned certain registered intellectual property rights and unregistered intellectual property rights to the Assignee.
- B. The parties have agreed to execute this Assignment for the purpose of ensuring that all legal rights in certain of the intellectual property rights and unregistered intellectual property rights assigned by the 31 December 2013 agreement are vested in the Assignee and to confirm the Assignee's title to the same.

**AGREED TERMS****1. DEFINITIONS**

- 1.1 "Application" shall mean, jointly and severally, the patents and patent applications listed in the Schedule to this Assignment.
- 1.2 "Effective Date" shall mean 31 December 2013, the date of the Earlier Agreement.
- 1.3 "Earlier Agreement" shall mean the agreement dated 31 December 2013 by which the Assignor assigned certain registered intellectual property rights and unregistered intellectual property rights, including the Application and the Invention, to the Assignee.
- 1.4 "Invention" shall mean, jointly and severally, the invention or inventions to which the Application relates.

**2. ASSIGNMENT**

- 2.1 In consideration of the sum of US\$1 (one US dollar) paid by the Assignee to the Assignor, receipt of which is hereby acknowledged the Assignor confirms the assignment to the Assignee of its right title and interest in the Invention and the Application, by virtue of the Earlier Agreement, from the Effective Date, and as necessary assigns to the Assignee from the Effective Date, all its right title and interest in the Invention and the Application.
- 2.2 The Assignee confirms its acceptance of, and as necessary accepts, the Assignee's right title and interest in the Invention and the Application from the Effective Date.
- 2.3 The Parties agree that the Assignor's right title and interest in the Invention and the Application which is transferred from the Assignor to the Assignee includes, without limitation:
  - (a) the right to apply for and obtain patents in respect of the Invention in any country in the world;

(b) all right title and interest in and to the Application and all patent applications, patents and supplementary protection certificates which may now or at any time in the future derive or result or claim priority from the same or otherwise relate to the Invention, including without limitation any divisionals, continuations, continuations-in-part, reissues, re-examination certificates, post-grant reviews, inter partes reviews, supplemental examinations, extensions, renewals and registrations in relation to any thereof and all and any other rights in the inventions comprised in any of the same (hereinafter collectively and severally "the Patent Rights");

(c) the benefit of all priority dates;

(d) the right to seek and to obtain registrations in any country in the world in respect of any patent deriving from the Application or otherwise included in the Patent Rights;

(e) the right to sue for and obtain injunctive relief, damages and all other relief in respect of any infringement or misuse (whether past present or future) of any of the Patent Rights or of the rights conferred by the publication of any of the same.

- 2.4 The Assignor agrees to execute all such documents as may be required to ensure the vesting in the Assignee of the Patent Rights, all at the expense of the Assignee.
- 2.5 Each Party authorises and requests his/her professional representative before any national or regional patent office to insert an appendix signed and dated by the professional representative detailing the filing date and application number of any patent application, patent and/or supplementary protection certificates which may now or at any time in the future derive or result or claim priority from the Application where needed for effective recordal of any such patent application or patent at any national or regional patent office.
- 2.6 The Parties agree that this Assignment shall be governed by law of England and Wales, and the parties submit to the exclusive jurisdiction of the courts of England and Wales in respect of any dispute relating to this Assignment.

Signed on behalf of the Assignor

Element Six Limited, Isle of Man

Signature: Susan J. Fletcher Watts  
Name: Susan Jane FLETCHER WATTS

Position Authorised Signatory

Date: 27 March 2015

Signed on behalf of the Assignee

Element Six Technologies Limited, UK

Signature: Chris Filmer  
Name: CHRIS FILMER

Position DIRECTOR

Date: 27<sup>th</sup> March 2015

JS0164

USPTO Patent Application No. 13/980452

**Schedule (1 page)****The Application**

Country	Application No	Application Date	Title	Status	Reference
US	13/980452	14-Dec-11	A Microwave Plasma Reactor for Manufacturing Synthetic Diamond Material	Pending	PF1056-USw-0
US	13/994813	14-Dec-11	Microwave Plasma Reactors and Substrates for Synthetic Diamond Manufacture	Granted	PF1057-USw-0
US	14/484100	14-Dec-11		Pending	PF1057-US-2
US	13/994826	14-Dec-11	Microwave Power Delivery System For Plasma Reactors	Pending	PF1058-USw-0
US	13/994852	16-Dec-11	Dislocation Engineering in Single Crystal Synthetic Diamond Material	Pending	PF1060-USw-0
US	13/994880	14-Dec-11	A Microwave Plasma Reactor for Manufacturing Synthetic Diamond Material	Pending	PF1061-USw-0
US	13/994903	14-Dec-11	A Microwave Plasma Reactor for Manufacturing Synthetic Diamond Material	Pending	PF1062-USw-0
US	13/994922	14-Dec-11	Controlling Doping of Synthetic Diamond Material	Pending	PF1070-USw-0
US	14/001451	15-Mar-12	Diamond Based Electrochemical Sensors	Pending	PF1074-USw-0
US	14/111550	01-May-12	Diamond Sensors, Detectors, and Quantum Devices	Pending	PF1083-USw-0
US	14/115055	11-May-12	Electrochemical Deposition And Spectroscopic Analysis Methods And Apparatus Using Diamond Electrodes	Allowed	PF1090-USw-0
US	14/115067	02-May-12	Electrochemical Sensor With Diamond Electrodes	Pending	PF1091-USw-0
US	14/349535	12-Oct-12	Quantum Processing Device	Pending	PF1166-USw-0
US	11/743680	22-Sep-03	Single Crystal Diamond	Pending	PF5005-US-2
US	10/584552	21-Oct-05	Application is classified. No title information available	Allowed	PF5181-USw-0
US	12/968705	15-Dec-10	Single Crystal Diamond Material	Pending	PF5202-US-2
US	12/529183	07-Mar-08	Diamond	Granted	PF5235-USw-0
US	14/019663	07-Mar-08		Allowed	PF5235-US-2
US	12/995005	22-Jul-09	Diamond Material	Pending	PF5240-USw-0
US	12/995000	22-Jul-09	Solid State System	Pending	PF5262-USw-0
US	13/144512	15-Jan-10	High Pressure High Temperature (HPHT) Method for the Production of Single Crystal Diamonds	Pending	PF5265-USw-0
US	12/823492	25-Jun-10	Diamond Material	Pending	PF5267-US-2
US	12/968862	15-Dec-10	Synthetic CVD Diamond	Pending	PF5269-US-2