

## PATENT ASSIGNMENT COVER SHEET

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<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	10/12/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ELEMENT SIX LIMITED
<b>Street Address:</b>	ISLE OF MAN FREEPORT, P O BOX 6,
<b>City:</b>	BALLASALLA
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<b>Postal Code:</b>	IM99 6AQ
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16457138
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<b>Fax Number:</b>	
<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>ATTORNEY DOCKET NUMBER:</b>	PF1061-US-2
<b>NAME OF SUBMITTER:</b>	DEBORAH BRADLEY
<b>SIGNATURE:</b>	/D.BRADLEY/
<b>DATE SIGNED:</b>	07/03/2019
<b>Total Attachments: 3</b>	
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**Certification of US Serial Number**

I, Susan Jane Fletcher Watts do hereby certify that the document attached hereto, being an assignment of an invention entitled "A Microwave Plasma Reactor for Manufacturing Synthetic Diamond Material" having inventors John Robert BRANDON, Alexander Lamb CULLEN, Stephen David WILLIAMS, Joseph Michael DODSON, Jonathan James WILMAN and Christopher John Howard WORT relates to the following US patent series:

Application Number and Application Date	Description	Parent Application	Parent Filing Date	Parent Status
USSN 13/994,880 14 Dec 2011	National Stage Entry of	PCT/EP2011/072824	14 Dec 2011	Published
PCT/EP2011/072824 14 Dec 2011	Claims priority from	USSN 61/439,313	03 Feb 2011	Expired

IN FAITH AND TESTIMONY whereof

Signature: S. J. Fletcher Watts

Date: 12 October 2015

**Susan Jane FLETCHER WATTS**

Chartered Patent Attorney  
European Patent Attorney

Head of Intellectual Property  
Element Six Group

## ASSIGNMENT

## PARTIES:

- (1) ELEMENT SIX LIMITED (registered in England under company no. 2946905)  
of 3<sup>rd</sup> Floor, Building 4, Chiswick Park, 566 Chiswick High Road, London W4 5YE, England  
(the "ASSIGNOR")
- (2) ELEMENT SIX LIMITED (registered in the Isle of Man under company no. 32530)  
of Isle of Man Freeport, PO Box 6, Ballasalla, Isle of Man IM99 6AQ  
(the "ASSIGNEE")

## DEFINITIONS:

For the purposes of this Assignment:

"APPLICATION" shall mean, collectively and severally, the patent applications listed in the Schedule to this Assignment

## WHEREAS:

- A. By virtue of a Research and Development Agreement dated 1<sup>st</sup> July 2003 between the parties, the invention that is the subject of the APPLICATION (the "INVENTION") has, as between the ASSIGNOR and the ASSIGNEE, at all relevant times been the property of the ASSIGNEE and the ASSIGNEE has accordingly at all relevant times been entitled to all the ASSIGNOR's rights in the INVENTION and the APPLICATION and all other intellectual property rights relating thereto, and the ASSIGNOR acknowledges that the ASSIGNEE was fully entitled to file the APPLICATION in the ASSIGNEE's name.
- B. The parties have agreed to execute this Assignment for the purpose of ensuring that all legal rights in the INVENTION and the APPLICATION and all other intellectual property rights relating thereto are vested in the ASSIGNEE and to confirm the ASSIGNEE's title to the same.

## IT IS AGREED THAT:

In consideration of the sum of US \$1 (one US dollar) paid by the ASSIGNEE to the ASSIGNOR, the receipt of which is hereby acknowledged:

1. The ASSIGNOR hereby confirms the Assignment and as necessary assigns to the ASSIGNEE effective as of the date of the invention (the "EFFECTIVE DATE") and the ASSIGNEE hereby confirms its acceptance and accepts from the EFFECTIVE DATE all the ASSIGNOR's property right title and interest in and to the INVENTION and the APPLICATION for all relevant states including 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 any divisionals, continuations, reissues, reexamination certificates, extensions, renewals and registrations in relation to any thereof and all and any other rights in the inventions comprised in any of the same (together referred to as the "PATENT RIGHTS");
  - (c) the benefit of all priority dates;
  - (d) the right to seek and 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 publication of any of the same.

2. The ASSIGNOR hereby agrees to execute all such documents and do all such things as may be required by the law of any country in order to record the APPLICATION and any other PATENT RIGHTS in the name of the ASSIGNEE.
3. This Assignment shall be governed by English law, and the parties submit to the exclusive jurisdiction of the English Courts in respect of any dispute relating to this Assignment.

SCHEDULE

The APPLICATION

Country	Application No. (Application Date)	Inventors	Title	References
GB	1021865.9 filed on 23 December 2010	John Robert BRANDON;	A Microwave Plasma Reactor for Manufacturing Synthetic Diamond Material	PF1061-GB-0
US	61/439,313 filed on 03 February 2011	Alexander Lamb CULLEN; Stephen David WILLIAMS; Joseph Michael DODSON; Jonathan James WILMAN and Christopher John Howard WORT		PF1061-US-0

Signed on behalf of the ASSIGNOR  
ELEMENT SIX LIMITED (registered in England)

Signature: [Signature]  
Name: John Kildan  
Title: DIRECTOR  
Date: 21.6.11

Signed on behalf of the ASSIGNEE  
ELEMENT SIX LIMITED (registered in Isle of Man)

Signature: [Signature]  
Name: STEWAN COLE  
Title: DIRECTOR  
Date: 03/06/11