

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3570624

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	10/19/2010

**CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER LAMB CULLEN	06/27/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	ELEMENT SIX LIMITED
<b>Street Address:</b>	GLOBAL INNOVATION CENTRE, FERMI AVENUE, HARWELL OXFORD
<b>City:</b>	DIDCOT, OXFORDSHIRE
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	OX11 0QR

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13994880

**CORRESPONDENCE DATA****Fax Number:**

*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.*

**Phone:** +44 1235 441145  
**Email:** groupip@e6.com  
**Correspondent Name:** ELEMENT SIX LIMITED  
**Address Line 1:** FERMI AVENUE, HARWELL CAMPUS  
**Address Line 2:** GROUP IP  
**Address Line 4:** DIDCOT, UNITED KINGDOM OX11 0QR

<b>NAME OF SUBMITTER:</b>	DILEEN VAN BEEK
<b>SIGNATURE:</b>	/DILEEN.VAN BEEK/
<b>DATE SIGNED:</b>	10/15/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3**

source=PF1061 11-06-27 SIGNED Inventors to GBTEC Assignment for Cullen US FORMAT#page1.tif  
source=PF1061 11-06-27 SIGNED Inventors to GBTEC Assignment for Cullen US FORMAT#page2.tif  
source=PF1061 11-06-27 SIGNED Inventors to GBTEC Assignment for Cullen US FORMAT#page3.tif

**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) Alexander Lamb CULLEN  
of Hemel Hempstead, Hertfordshire, England  
(hereinafter "the INVENTOR")
- (2) ELEMENT SIX LIMITED, 3<sup>rd</sup> Floor, Building 4, Chiswick Park, 566 Chiswick High Road,  
London W4 5YE, United Kingdom  
("the ASSIGNEE")

## WHEREAS:

- A. The INVENTOR is an inventor of the invention ("the INVENTION") which is the subject of the following patent application(s) (hereinafter collectively and severally "the APPLICATION"):

Country	Application No. and Application Date (Publication No. and Publication 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

- B. The INVENTOR's contribution to the INVENTION was made by the INVENTOR during the normal course of the INVENTOR's duties as a consultant to the ASSIGNEE.
- C. The parties have agreed to execute this Assignment to assign all the INVENTOR's rights in the INVENTION (including the APPLICATION and all other intellectual property rights) to the ASSIGNEE.

## IT IS AGREED THAT:

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

- 1.1 The INVENTOR hereby assigns to the ASSIGNEE, effective as of the date of the INVENTION ("the EFFECTIVE DATE"), and the ASSIGNEE hereby accepts from the EFFECTIVE DATE, all the INVENTOR'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, re-examination 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 (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.

- 1.2 The INVENTOR 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.
- 1.3 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.

Signed by the INVENTOR

Signature: M. Cullen

Name: Alexander Lamb CULLEN

Date: 27 June 2011

Signed on behalf of the ASSIGNEE:

Element Six Limited, 3<sup>rd</sup> Floor, Building 4, Chiswick Park, London W4 5YE,  
United Kingdom

Signature: [Signature]

Name: John Wilson

Position: DIRECTOR

Date: 21.6.11