503534333 10/22/2015

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

Name	Execution Date
JOHN ROBERT BRANDON	06/17/2011
STEPHEN DAVID WILLIAMS	06/22/2011
JOSEPH MICHAEL DODSON	06/16/2011
JONATHAN JAMES WILMAN	07/05/2011
CHRISTOPHER JOHN HOWARD WORT	06/10/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	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 441 145 **Email:** groupip@e6.com

Correspondent Name: ELEMENT SIX LIMITED

Address Line 1: FERMI AVENUE, HARWELL OXFORD

Address Line 2: GROUP IP

Address Line 4: DIDCOT, UNITED KINGDOM OX11 0QR

ATTORNEY DOCKET NUMBER:	PF1061-USW-0
NAME OF SUBMITTER:	DILEEN VAN BEEK
SIGNATURE:	/Dileen Van Beek/
DATE SIGNED:	10/22/2015

PATENT 503534333 REEL: 036851 FRAME: 0330

Total Attachments: 5

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PATENT REEL: 036851 FRAME: 0331



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:	SJ. Rida Villa	. Date: 12,000000, 2015	į

Susan Jane FLETCHER WATTS

Chartered Patent Attorney European Patent Attorney

Head of Intellectual Property Element Six Group

PATENT

Element Six Lat. Classed framewises Frame Pressi Assessed REEL: 036851 FRAME: 0332

ASSIGNMENT

PARTIES:

- (1) John Robert BRANDON; Stephen David WILLIAMS; Joseph Michael DODSON; Jonathan James WILMAN and Christopher John Howard WORT ALL of Element Six Limited, King's Ride Park, Ascot, Berkshire SL5 8BP, United Kingdom (hereinafter collectively and severally "the INVENTOR")
- (2) ELEMENT SIX LIMITED, 3rd Floor, Building 4, Chiswick Purk, 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	Inventors	Title	References
	Application Date			
	(Publication No. and			
	Publication Date)			
GB	1021865.9 filed on	John Robert	A Microwave Plasma Reactor	PF1061-G8-0
	23 December 2010	BRANDON;	for Manufacturing Synthetic	
US	61/439,313 filed on	Alexander Lamb	Diamond Material	PF1061-US-0
	03 February 2011	CULLEN;		
		Stephen David		
		WILLIAMS;		
		Joseph Michael		
		DODSON;		
		Jonathan James		
		WILMAN and		
		Christopher John		
		Howard WORT		

- B. The INVENTOR's contribution to the INVENTION was made by the INVENTOR during the normal course of the INVENTOR's duties as an employee of the ASSIGNEE, or under a fiduciary duty as a director of the ASSIGNEE, or pursuant to a commission by the ASSIGNEE, and in circumstances such that, as between the INVENTOR and the ASSIGNEE, all the INVENTOR's rights in the INVENTION (including the APPLICATION) has at all relevant times been taken to belong to the ASSIGNEE, or the ASSIGNEE has been beneficially entitled to the same.
- C. For the avoidance of doubt and so as to confirm the ASSIGNEE's legal title to the same, the parties have agreed to execute this Assignment for the purpose of ensuring that all the INVENTOR's rights in the INVENTION (including the APPLICATION and all other intellectual property rights) are vested in 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:

The INVENTOR hereby assigns to the ASSIGNEE, effective as of the date of the INVENTION ("the EFFECTIVE DATE") and the ASSIGNEE hereby confirms its acceptance of, and 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:

PATENT REEL: 036851 FRAME: 0333

- (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;
- (c) 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	Signed by the INVENTOR
Signature: 120	Signature:
John Robert BRANDON Name:	Stephen David WILLIAMS Name:
Date:	Date:
Signed by the INVENTOR	Signed by the INVENTOR
Signature Tough Roder	Signature:
Joseph Michael DODSON Name:	Jonathan James WILMAN Name:
Date: <u>16/6/11</u>	Date: 05/07/11
Signed by the INVENTOR	
Signature:	
Christopher John Howard WORT Name: CTH WORT	
Date: 10th June 2011	

- (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.
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- 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: John Robert BRANDON Name: Date:	Signed by the INVENTOR Signature:
Signed by the INVENTOR Signature: Joseph Michael DODSON Name: Date:	Signed by the INVENTOR Signature: Ionathan James WILMAN Name: Date:
Signed by the INVENTOR Signature: Christopher John Howard WORT Name:	

PATENT REEL: 036851 FRAME: 0335 Date: 21: 6:11

Signed on b	ebalf of the ASSIGNEE:
***	Element Six Limited, 3rd Floor, Building 4, Chiswick Park, London W4 5YE. United Kingdom
Company na	
Signature:	
Name:	- Jahri Killing
Position	DIRECTOR

PATENT REEL: 036851 FRAME: 0336

RECORDED: 10/22/2015