PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4783162

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN ROBERT BRANDON	07/11/2016
NEIL PERKINS	07/11/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15745751	

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 GROUP INTELLECTUAL PROPERTY

Address Line 1: G.I.C., FERMI AVENUE, HARWELL CAMPUS, Address Line 4: DIDCOT, UNITED KINGDOM OX11 0QR

ATTORNEY DOCKET NUMBER: PF1343-USW-0

NAME OF SUBMITTER: DEBORAH BRADLEY

SIGNATURE: /D.BRADLEY/

DATE SIGNED: 01/19/2018

Total Attachments: 2

source=PF1343 17-12-20 Assignment from Inventors to Element Six Ltd GBTEC#page1.tif source=PF1343 17-12-20 Assignment from Inventors to Element Six Ltd GBTEC#page2.tif

PATENT 504736436 REEL: 045094 FRAME: 0555

ASSIGNMENT

PARTIES:

- (1) John Robert BRANDON and Neil PERKINS, both of Element Six Global Innovation Centre, Fermi Avenue, Harwell Campus, Didcot, Oxfordshire, OX11 fQR, UK. (hereinafter collectively and severally "the INVENTOR" g and
- (2) ELEMENT SIX LIMITED, a company registered in England & Wales under company number 02946905 having a registered address at Global Innovation Centre, Fermi Avenue, Harwell Oxford, Didcot, Oxfordshire, OX11 00R, UK, and previously known as De Beers Industrial Diamonds (UK) Limited, De Beers Industrial Diamond (UK) Limited, De Beers Industrial Diamond Division (UK) Limited and De Beers Industrial Diamond Division (U.K.) Limited ("the ASSIGNEE");

each a "PARTY", and together the "PARTIES".

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.	Inventors	Title	References
	and			
	Application			8
	Date		**************************************	
GB	1514998.2	John Robert BRANDON and	Microwave Generators	PF1343-GB-0
	24 Aug 2015	Neit PERKINS	and Manufacture of	
	77 B B	4.7%	Synthetic Diamond	
			Material	

- B. The INVENTOR's contribution to the INVENTION was made by the INVENTOR during the sormal 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 or other contract with 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 confirms the assignment, and as necessary assigns, to the ASSIGNEE effective as of the date of the INVENTION ("the EFFECTIVE DATE"), and the ASSIGNEE confirms its acceptance of, and as necessary 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

PATENT REEL: 045094 FRAME: 0556 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.
- 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.
- 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 form the APPLICATION where needed for effective recordal of any such patent application or patent at any national or regional patent office.
- 1.4 This Assignment shall be governed by the laws 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 by the INVENTOR Signed by the INVENTOR Signature: Signature: Name: John Robert BRANDON Name: Nell PERKINS Date: Date: Signed on behalf of the ASSIGNEE: Element Six Limited, Oxfordshire, UK Company name: Signature: John Andrew KILSHAW Name: Director Position 27.6.16 Date:

PATENT REEL: 045094 FRAME: 0557

RECORDED: 01/19/2018

Signatures