

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2608441

| SUBMISSION TYPE:   | NEW ASSIGNMENT             |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
|--|----------------------------|---------------|---------------------|--------------------------|----------------------|-----------------------|------------|--------------------------|------------|-------------------|-------------|-------------------------------------|------------|-------------------------------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| CONVEYING PARTY DATA   |                            |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>PHILIP MAURICE MARTINEAU</td> <td>11/15/2006</td> </tr> <tr> <td>DANIEL JAMES TWITCHEN</td> <td>11/15/2006</td> </tr> <tr> <td>GEOFFREY ALAN SCARSBROOK</td> <td>11/15/2006</td> </tr> <tr> <td>PAUL MARTYN SPEAR</td> <td>11/15/2006</td> </tr> <tr> <td>ELEMENT SIX LIMITED, UNITED KINGDOM</td> <td>11/15/2006</td> </tr> <tr> <td>THE DIAMOND TRADING COMPANY LIMITED</td> <td>11/15/2006</td> </tr> </tbody> </table> |                            | Name          | Execution Date      | PHILIP MAURICE MARTINEAU | 11/15/2006           | DANIEL JAMES TWITCHEN | 11/15/2006 | GEOFFREY ALAN SCARSBROOK | 11/15/2006 | PAUL MARTYN SPEAR | 11/15/2006  | ELEMENT SIX LIMITED, UNITED KINGDOM | 11/15/2006 | THE DIAMOND TRADING COMPANY LIMITED | 11/15/2006 |
| Name   | Execution Date             |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| PHILIP MAURICE MARTINEAU   | 11/15/2006                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| DANIEL JAMES TWITCHEN  | 11/15/2006                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| GEOFFREY ALAN SCARSBROOK   | 11/15/2006                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| PAUL MARTYN SPEAR  | 11/15/2006                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| ELEMENT SIX LIMITED, UNITED KINGDOM  | 11/15/2006                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| THE DIAMOND TRADING COMPANY LIMITED  | 11/15/2006                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| RECEIVING PARTY DATA   |                            |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| <table border="1"> <tr> <td>Name:</td> <td>ELEMENT SIX LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>ISLE OF MAN FREEPORT</td> </tr> <tr> <td>Internal Address:</td> <td>PO BOX 6</td> </tr> <tr> <td>City:</td> <td>BALLASALLA</td> </tr> <tr> <td>State/Country:</td> <td>ISLE OF MAN</td> </tr> <tr> <td>Postal Code:</td> <td>IM99 6AQ</td> </tr> </table>  |                            | Name:         | ELEMENT SIX LIMITED | Street Address:          | ISLE OF MAN FREEPORT | Internal Address:     | PO BOX 6   | City:                    | BALLASALLA | State/Country:    | ISLE OF MAN | Postal Code:                        | IM99 6AQ   |                                     |            |
| Name:  | ELEMENT SIX LIMITED        |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Street Address:  | ISLE OF MAN FREEPORT       |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Internal Address:  | PO BOX 6                   |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| City:  | BALLASALLA                 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| State/Country:   | ISLE OF MAN                |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Postal Code:   | IM99 6AQ                   |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| PROPERTY NUMBERS Total: 1  |                            |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10582707</td> </tr> </tbody> </table>  |                            | Property Type | Number              | Application Number:      | 10582707             |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Property Type  | Number                     |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Application Number:  | 10582707                   |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| CORRESPONDENCE DATA  |                            |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Fax Number:  | (703)413-2220              |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Phone:   | (703) 413-3000             |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Email:   | khudson@oblon.com          |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>   |                            |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Correspondent Name:  | OBLON, SPIVAK, ET AL.      |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Address Line 1:  | 1940 DUKE STREET           |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| Address Line 4:  | ALEXANDRIA, VIRGINIA 22314 |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |
| ATTORNEY DOCKET NUMBER:  | 292452US0XPCT              |               |                     |                          |                      |                       |            |                          |            |                   |             |                                     |            |                                     |            |

OP \$40.00 10582707

|   |                   |
|---|-------------------|
| NAME OF SUBMITTER:  | KAREN L. HUDSON   |
| Signature:  | /Karen L. Hudson/ |
| Date:   | 11/08/2013        |
| <p>Total Attachments: 11</p> <p>source=292452 ASN#page1.tif</p> <p>source=292452 ASN#page2.tif</p> <p>source=292452 ASN#page3.tif</p> <p>source=292452 ASN#page4.tif</p> <p>source=292452 ASN#page5.tif</p> <p>source=292452 ASN#page6.tif</p> <p>source=292452 ASN#page7.tif</p> <p>source=292452 ASN#page8.tif</p> <p>source=292452 ASN#page9.tif</p> <p>source=292452 ASN#page10.tif</p> <p>source=292452 ASN#page11.tif</p> |                   |

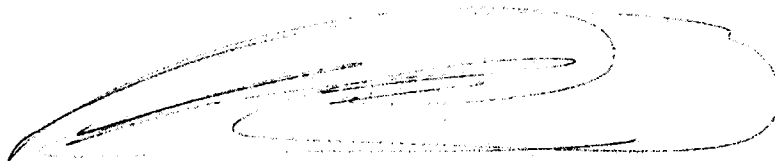
I, **RICHARD GRAHAM ROSSER** of the City of London, Notary Public duly admitted and sworn practising in the said City, Member of the Society of Scrivener Notaries of London,

**DO HEREBY CERTIFY AND ATTEST:**

**THAT** the signatures set and subscribed at foot of the hereunto annexed Assignment are the genuine signatures of **BRIAN LESLIE McDONALD** and **MICHAEL BARRIE PAGE**, two of the Directors of the Company styled **THE DIAMOND TRADING COMPANY LIMITED**, a Company duly incorporated and existing in accordance with the laws of England, registered at the Companies Registration Office for England and Wales under No.2054170, and having its Registered Office at 17 Charterhouse Street, London EC1N 6RA, England.

**AND THAT** the said Assignment, being so signed and executed as a Deed, is binding on the said Company **THE DIAMOND TRADING COMPANY LIMITED** in accordance with the provisions of English law.

**IN TESTIMONY WHEREOF** I have hereunto set my hand and affixed my Seal of Office in the City of London aforesaid, this second day of November two thousand and six.



**RICHARD GRAHAM ROSSER**  
**NOTARY PUBLIC LONDON, ENGLAND**



**DEED OF ASSIGNMENT SC 8 – Method of incorporating a Mark in CVD Diamond (USA)**

ASSIGNMENT dated this ...<sup>th</sup>15..... day of November 2006

**BETWEEN**

**"Element Six (IOM)"**

ELEMENT SIX LIMITED, a company  
registered in the Isle of Man, of Isle of  
Man Freeport, PO Box 6, Ballasalla,  
IM99 6AQ, Isle of Man;

**"Element Six (UK)"**

ELEMENT SIX LIMITED, a company  
registered in England with the number 2  
946 905, of Kings Ride Park, Ascot,  
Berkshire, SL5 8BP, United Kingdom.

**"DTC"**

THE DIAMOND TRADING  
COMPANY LIMITED, a company  
registered in England with the number 2  
054 170, of 17 Charterhouse Street  
House, London, EC1N 6RA.

**"Inventors"**

PHILIP MAURICE MARTINEAU, a  
British citizen of Littlewick end,  
Coronation Road, Littlewick Green,  
Berkshire, SL6 3RA, United Kingdom;

DANIEL JAMES TWITCHEN, a British  
citizen of 10 Park Drive, Sunningdale,  
Berkshire, RG12 3RA, United Kingdom;

GEOFFREY ALAN SCARSBROOK, a  
British citizen of 40 Cavendish Meads,  
Sunninghill, Ascot, Berkshire, SL5 9TD,  
United Kingdom;

PAUL MARTYN SPEAR, a British  
citizen of 44 Brompton Drive, Pinkneys  
Green, Maidenhead, Berkshire, SL6 6SP,  
United Kingdom.

**WHEREAS**

- A. Element Six (IOM) are the applicants and/or co-applicants of the patent applications listed in Schedule A annexed hereto ("Applications") and the applicants of the priority applications except where indicated listed in the Schedule A ("Priority Applications").
- B. The Inventors were employed by Element Six (UK) or DTC (each an "Employer" and together the "Employers") at the date of invention of the inventions of the Applications and Priority Applications (the "Inventions") and in the course and scope of their employment with the Employers contributed to the Inventions.
- C. As such, the Employers are the proprietors of the Inventions by virtue of their employment of the Inventors.
- D. Prior to filing the respective Applications, it had been agreed that the Employers and the Inventors should assign to Element Six (IOM) all their right, title and interest in the United States of America in said Applications and in said Inventions together with any priority rights derived from said Priority Applications ("Priority Rights") for the United States of America and on this basis, Element Six (IOM) was entitled to file the Priority Applications in the United Kingdom in its own name.
- E. The Employers and the Inventors make this assignment for the avoidance of doubt and to ensure that all rights in the Applications and the Inventions for the United States of America have been assigned and confirmed to Element Six (IOM) from 11 December 2003 ("Effective Date").

## NOW THIS ASSIGNMENT WITNESSES:

1. In pursuance of the said agreements and in consideration of the respective sums of [REDACTED] now paid by Element Six (IOM) to each of the Employers and other valuable consideration (receipt of which the Employers hereby acknowledge), and for valuable consideration given by the Employers to the Inventors (receipt of which each Inventor hereby acknowledges), the Employers and the Inventors hereby ASSIGN to Element Six (IOM) with full title guarantee and with retroactive effect to the Effective Date:

- (a) all their right title and interest to and in the Applications and the Inventions and the full and exclusive benefit of each of them in the United States of America;
- (b) should the Employers and/or the Inventors have any Priority Rights, such Priority Rights for the United States of America including, for the avoidance of doubt, the right to claim priority in the United States of America from the Priority Applications;
- (c) all rights to action powers and benefits accrued to or belonging to the Employers and/or the Inventors in respect of the rights at (a) and (b) above (including the right to bring proceedings for any previous infringement of the rights); and
- (d) the right to apply for and be granted patents or other similar forms of protection in respect of said Inventions in the United States of America;

and to hold the same unto Element Six (IOM) absolutely.

2. The Employers and each of the Inventors hereby undertake and agree with Element Six (IOM):

- (a) that they have not assigned or agreed to assign to any person other than Element Six (IOM) nor in any other way encumbered any of the rights referred to in Clause 1 hereof;
- (b) that they will at the request and expense of Element Six (IOM) execute all documents and do all such acts and things as may be necessary to enable Element Six (IOM) (or their nominee) to enjoy the

full benefit of the property and rights hereby assigned and to vest patents or other similar forms of protection in respect of the rights referred to in Clause 1 hereof in the name of Element Six (IOM) (or their nominee) in the United States of America.

3. To the extent that any rights in the Applications and the Inventions in the United States of America remain vested in the Inventors, the Inventors hereby ASSIGN to Element Six (IOM) with full title guarantee allowable at law and with retroactive effect to the Effective Date:

- (a) all their residual right title and interest to and in said Applications and said Inventions and the full and exclusive benefit of each of them in the United States of America;
- (b) all rights to action powers and benefits accrued to or belonging to the Inventors in respect of the rights at (a) above (including the right to bring proceedings for any previous infringement of the rights); and
- (c) the right to apply for and be granted patents or other similar forms of protection in respect of said Inventions in the United States of America;

and to hold the same unto Element Six (IOM) absolutely.

4. The Inventors hereby irrevocably appoint Element Six (IOM) as their attorney in their name and on their behalf to execute and do any instrument or thing as may be required by Element Six (IOM) to enable Element Six (IOM) to enjoy the full benefit of the rights confirmed and assigned by this agreement and in favour of any third party a certificate in writing signed by any Director or Secretary of Element Six (IOM) that any instrument or act falls within such authority shall be conclusive evidence that such is the case.

5. This assignment shall be governed by and interpreted in accordance with English law.

**SCHEDULE A - SC 8 - METHOD OF INCORPORATING A MARK IN CVD  
DIAMOND**

| App Ref.                     | Filing Date | Country | Official No.                                  | Owner/Applicant  |
|------------------------------|-------------|---------|---|--|
| <b>Priority Applications</b> |             |         |   |  |
| A136310/P                    | 12/12/2003  | UK      | 0328917.0                                     | Element Six Limited  |
| A136514/P                    | 17/12/2003  | USA     | 60/529,746                                    | Philip Maurice Martineau<br>Daniel James Twitchen<br>Geoffrey Alan Scarsbrook                      |
| A137740/P                    | 07/09/2004  | UK      | 0419839.6                                     | Element Six Limited  |
| A138081/P                    | 16/09/2004  | USA     | 60/610,223                                    | Philip Maurice Martineau<br>Daniel James Twitchen<br>Geoffrey Alan Scarsbrook<br>Paul Martyn Spear |
| <b>Extensions</b>            |             |         |   |  |
| A136310/PCT                  | 10/12/2004  | PCT(US) | PCT/IB2004/004069<br>(entered national phase) | Philip Maurice Martineau<br>Daniel James Twitchen<br>Geoffrey Alan Scarsbrook<br>Paul Martyn Spear |
| A136310/US                   | 10/12/2004  | USA     | 10/582,707                                    | Philip Maurice Martineau<br>Daniel James Twitchen<br>Geoffrey Alan Scarsbrook<br>Paul Martyn Spear |

NB Element Six Limited is Element Six (IOM)



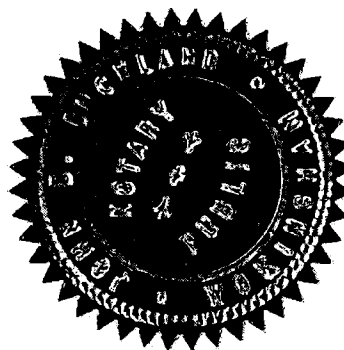
IN WITNESS of which this Assignment has been executed as a Deed and delivered the Effective Date. This assignment may be executed as a Deed in separate counter parts

Signed as a Deed by ELEMENT SIX LIMITED (Element Six (IOM)), acting by

Signed: [Signature]  
 Name: STEVEN E. COE  
 Capacity: DIRECTOR  
 Address: ISLE OF MAN FREEPORT,  
BALLASALLA, ISLE OF MAN  
 Signed at: ASCOT

Witness

Signed: [Signature]  
 Name: JOHN DAVID BUCKLAND  
 Capacity: NOTARY PUBLIC  
 Address: 22 WILTSHIRE AVENUE  
CROWTHORNE, BERKSHIRE  
 Signed at: ASCOT, BERKSHIRE



Signed: [Signature] x CHD  
 Name: CARLTON NIGEL DODGE  
 Capacity: DIRECTOR  
 Address: ISLE OF MAN FREEPORT  
BALLASALLA, ISLE OF MAN.  
 Signed at: CASTLETOWN, ISLE OF MAN.

Witness

Signed: [Signature]  
 Name: Jeanne-Marie Ashworth  
 Capacity: Advocate & Notary Public  
 Address: Harbour Mews  
Parliament Square  
Castletown

Signed at: Castletown, I.O.M.



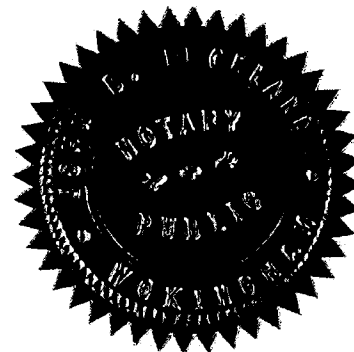
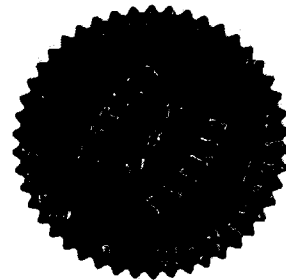
Signed as a Deed by ELEMENT SIX LIMITED (Element Six (UK)), acting by

Signed: S. J. Boxall  
 Name: S. J. Boxall  
 Capacity: DIRECTOR  
 Address: KING'S RIDE PARK  
ASCOT, BERKS, SL5 8BP  
 Signed at: ASCOT

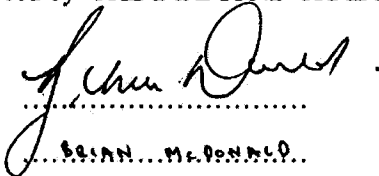
Witness  
 Signed: J. Buckland  
 Name: NOTARY PUBLIC  
JOHN DAVID BUCKLAND  
 Capacity: 22 WILTSHIRE AVENUE,  
CROWTHORNE, BERKSHIRE,  
 Address: ASCOT, BERKSHIRE.  
 Signed at:

Signed: Stewart E. Lee  
 Name: STEWART E. LEE  
 Capacity: DIRECTOR  
 Address: KING'S RIDE PARK  
ASCOT, BERKS, SL5 8BP  
 Signed at: ASCOT

Witness  
 Signed: J. Buckland  
 Name: JOHN DAVID BUCKLAND  
 Capacity: NOTARY PUBLIC  
 Address: 22 WILTSHIRE AVENUE,  
CROWTHORNE, BERKSHIRE  
 Signed at: ASCOT, BERKSHIRE



Signed as a Deed by THE DIAMOND TRADING COMPANY LIMITED, acting by

Signed: 

Name: BRIAN McDONALD

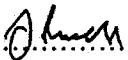
Capacity: EXECUTIVE DIRECTOR

Address: 17 CHARTERHOUSE ST

LONDON

Signed at: 2 NOVEMBER 2006

Witness

Signed: 

Name: JONATHAN RUSSELL

Capacity: TRAMPER SOLICITOR

Address: 17 CHARTERHOUSE ST

LONDON

Signed at: 2 NOVEMBER 2006

Signed: 

Name: MIKE IGG

Capacity: FINANCE DIRECTOR

Address: 17 CHARTERHOUSE ST

LONDON

Signed at: 2 NOVEMBER 2006

Witness

Signed: 

Name: JONATHAN RUSSELL

Capacity: TRAMPER SOLICITOR

Address: 17 CHARTERHOUSE ST

LONDON

Signed at: 2 NOVEMBER 2006

Signed as a Deed by PHILIP MAURICE MARTINEAU:

Signed: PM Martineau

Signed at: Ascot

Witness

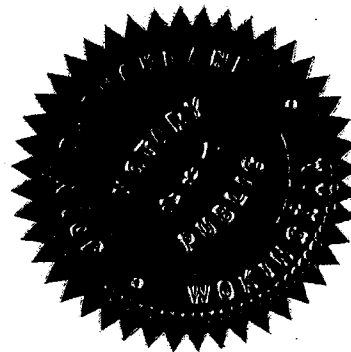
Signed: John David Buckland

Name: JOHN DAVID BUCKLAND

Capacity: NOTARY PUBLIC

Address: 22 WILTSHIRE AVENUE,  
CROWTHORNE, BERKSHIRE

Signed at: ASCOT, BERKSHIRE



Signed as a Deed by DANIEL JAMES TWITCHEN:

Signed: Daniel Twitchen

Signed at: Ascot

Witness

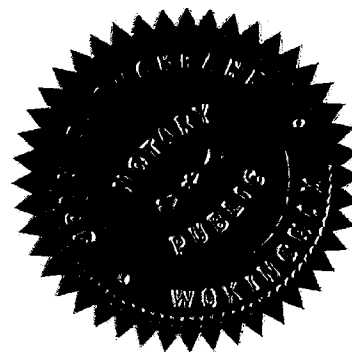
Signed: John David Buckland

Name: JOHN DAVID BUCKLAND

Capacity: NOTARY PUBLIC

Address: 22 WILTSHIRE AVENUE,  
CROWTHORNE, BERKSHIRE

Signed at: ASCOT, BERKSHIRE



Signed as a Deed by GEOFFREY ALAN SCARSBROOK:

Signed: G. Scarsbrook.

Signed at: ASCOT

Witness

Signed: J.D. Buckland

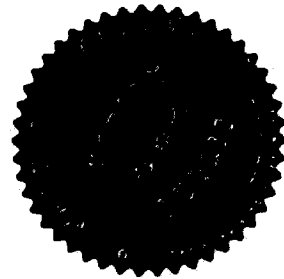
Name: JOHN DAVID BUCKLAND

Capacity: NOTARY PUBLIC

Address: 22 WILTSHIRE AVENUE,

CROWTHORNE, BERKSHIRE.

Signed at: ASCOT, BERKSHIRE.



Signed as a Deed by PAUL MARTYN SPEAR:

Signed: P.M. Spear

Signed at: LONDON, ENGLAND

Witness TO THE SIGNATURE OF PAUL MARTYN SPEAR SUBSCRIBED IN MY  
PRESENCE AT LONDON, ENGLAND THE 15TH NOVEMBER 2006 HE  
HAVING BEEN IDENTIFIED BY HIS BRITISH PASSPORT NO. 093198460.

Name: .....

Capacity: .....

Address: RICHARD GRAHAM ROSSER  
NOTARY PUBLIC, LONDON

Signed at: LONDON

