

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3306975

|                                                                                                                                                                                                 |                                    |                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------|--|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                     |                       |  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                         |                       |  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                    |                       |  |
|                                                                                                                                                                                                 | <b>Name</b>                        | <b>Execution Date</b> |  |
|                                                                                                                                                                                                 | SIMON CRAIG LAWSON                 | 07/19/2007            |  |
|                                                                                                                                                                                                 | KEITH BARRY GUY                    | 07/19/2007            |  |
|                                                                                                                                                                                                 | MICHAEL PETER GAUKROGER            | 07/19/2007            |  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                    |                       |  |
| <b>Name:</b>                                                                                                                                                                                    | ELEMENT SIX TECHNOLOGIES (PTY) LTD |                       |  |
| <b>Street Address:</b>                                                                                                                                                                          | DEBID ROAD                         |                       |  |
| <b>City:</b>                                                                                                                                                                                    | NUFFIELD, SPRINGS                  |                       |  |
| <b>State/Country:</b>                                                                                                                                                                           | SOUTH AFRICA                       |                       |  |
| <b>Postal Code:</b>                                                                                                                                                                             | 1559                               |                       |  |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                    |                       |  |
|                                                                                                                                                                                                 | <b>Property Type</b>               | <b>Number</b>         |  |
|                                                                                                                                                                                                 | <b>Application Number:</b>         | 11721355              |  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                    |                       |  |
| <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> |                                    |                       |  |
| <b>Phone:</b>                                                                                                                                                                                   | +44 1235 441145                    |                       |  |
| <b>Email:</b>                                                                                                                                                                                   | groupip@e6.com                     |                       |  |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ELEMENT SIX LIMITED                |                       |  |
| <b>Address Line 1:</b>                                                                                                                                                                          | FERMI AVENUE, HARWELL CAMPUS       |                       |  |
| <b>Address Line 2:</b>                                                                                                                                                                          | GROUP IP                           |                       |  |
| <b>Address Line 4:</b>                                                                                                                                                                          | DIDCOT,, UNITED KINGDOM OX11 0QR   |                       |  |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | PF5201-USW-0                       |                       |  |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | SUSAN JANE FLETCHER WATTS          |                       |  |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Susan J. Fletcher Watts/          |                       |  |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 04/13/2015                         |                       |  |
| <b>Total Attachments: 3</b>                                                                                                                                                                     |                                    |                       |  |
| source=PF5201-USw-0 07-07-19 Inventors to ZATEC assignment 2 with SFW front cover sheet - US format#page1.tif                                                                                   |                                    |                       |  |
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years  
of diamond synthesis

Element Six Limited  
Group Intellectual Property  
Fermi Avenue, Harwell Campus  
Didcot, Oxfordshire  
OX11 0QR  
United Kingdom  
Tel: + 44 1235 441 145  
Fax: + 44 1235 441 001  
www.e6.com

### 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 Method of Improving the Crystalline Perfection of Diamond Crystals" having seven inventors, Grant Charles SUMMERTON, John Olaf HANSEN, Robert Charles BURNS, Timothy Patrick Gerard ADDISON, Simon Craig LAWSON, Keith Barry GUY and Michael Peter GAUKROGER, relates to the following US patent series:

| Application | Application Status         | Continuity Type         | Parent Application | Parent Filing Date | Parent Status |
|-------------|----------------------------|-------------------------|--------------------|--------------------|---------------|
| 11/721,355  | Notice of Allowance mailed | National Stage entry of | PCT/IB05/03719     | 09 Dec 2005        | Published     |

IN FAITH AND TESTIMONY whereof



Signature

Susan Jane FLETCHER WATTS

Chartered Patent Attorney  
European Patent Attorney

Head of Intellectual Property  
Element Six Group



Date



# ASSIGNMENT

(1-9) Insert Name(s)  
of Inventor(s)

Grant Charles SUMMERTON

John Olaf HANSEN

Robert Charles BURNS

Timothy Patrick Gerard ADDISON

Simon Craig LAWSON

Keith Barry GUY

Michael Peter GAUKROGER

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Insert name of  
Assignee  
Insert address  
of Assignee

(10) Element Six Technologies (Pty) Ltd

(11) of De Beers North Campus, Booysens Reserve Road,  
off Crownwood Road, Theta, 2092, Johannesburg, South  
Africa

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Insert identification  
of invention, such  
as title, case no. or  
foreign application no.

(12) A Method of Improving the Crystalline Perfection  
of Diamond Crystals (Case no.)

For which the undersigned has (have) executed an application for patent in the United States of America

Insert date of  
signing of  
application

(13)

Alternative  
Identification for  
filed applications

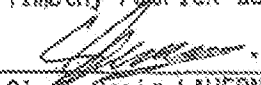
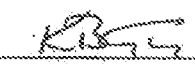
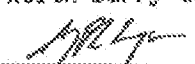
(14) US Application Serial Number  
filed

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to

execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

|      |         |                  |                                                                                                                  |
|------|---------|------------------|------------------------------------------------------------------------------------------------------------------|
| Date | _____   | Name of Inventor | Grant Charles SUMMERTON                                                                                          |
| Date | _____   | Name of Inventor | John Olaf HANSEN                                                                                                 |
| Date | _____   | Name of Inventor | Robert Charles BURNS                                                                                             |
| Date | _____   | Name of Inventor | Timothy Patrick Gerard ADDISON                                                                                   |
| Date | 19/7/07 | Name of Inventor | <br>Simon Craig LAWSON      |
| Date | 19/7/07 | Name of Inventor | <br>Keith Barry GUY         |
| Date | 19/7/07 | Name of Inventor | <br>Michael Peter GAUKROGER |
| Date | _____   | Name of Inventor | _____                                                                                                            |
| Date | _____   | Name of Inventor | _____                                                                                                            |