Form **PTO-1595** (Rev. 03-11) OMB No. 0651-0027 (exp. 04/30/2015) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

| RECORDATION FO | RM COVER SHEET | |
|--|--|--|
| PATENTS ONLY | | |
| To the Director of the U.S. Patent and Trademark Office: Please | | |
| Name of conveying party(ies) | 2. Name and address of receiving party(ies) | |
| | Name:Element Six (Trade Marks) | |
| Element Six (Production) (Pty) Ltd | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s)05/15/2012 | Street Address: Shannon Airport | |
| | | |
| Security Agreement Change of Name | City: County Clare | |
| Joint Research Agreement Grange of Name | State. | |
| Government Interest Assignment | State: | |
| Executive Order 9424, Confirmatory License | Country: Ireland Zip: | |
| Other | Additional name(s) & address(es) attached? Yes No | |
| | document is being filed together with a new application. | |
| A. Patent Application No.(s) | B. Patent No.(s) | |
| 12/791,457 | | |
| - Additional numbers at | tached? | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| Name Benjamin J. Sodey | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ | |
| Internal Address:Bryan Cave LLP | , | |
| Street Address: 211 N. Broadway, Suite 3600 | Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) | |
| City: St. Louis | 8. Payment Information | |
| State:MO Zip63102 | | |
| Phone Number:314-259-2446 | | |
| Docket Number PF0583US2_0310899 | Deposit Account Number <u>02-4467</u> | |
| Email Address: kahonold@bryancays.com | Authorized User Name Benjamin J. Sodey | |
| 9. Signature: | 4/24/13 | |
| Signature | Date | |
| Benjamin J. Sodey Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: | |
| • • | et) should be faxed to (571) 273-0140, or mailed to: | |

PATENT REEL: 030312 FRAME: 0266

Attachment

Correction Assignment to remove Element Six (Production) (Pty) Ltd as Assignee to

Assignee Element Six (Trade Marks) of Shannon Airport, County Clare, Ireland located on reel/frame no. 030260/0951.

Assignor confirms the assignment.

PATENT REEL: 030312 FRAME: 0267

| 50231 | 9341 | 04/22/2013 |
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| | | |

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | |
|--|---|---------|----------------------------------|----------------|--|
| NATURE OF CONVEYA | NCE: | | ASSIGNMENT | | |
| CONVEYING PARTY DA | ATA | | | | |
| | | N. | ame | Execution Date | |
| Element Six (Production | n) (Pty) Ltd | | | 05/25/2012 | |
| RECEIVING PARTY DATA | | | | | |
| Name: | Element Six (Pr | oductio | on) (Pty) Ltd | | |
| Street Address: | Debid Road | | | | |
| Internal Address: | Nuffield | | | | |
| City: | Springs | | | | |
| State/Country: | SOUTH AFRIC | A | | | |
| Postal Code: | 1559 | | | | |
| PROPERTY NUMBERS Total: 1 Property Type Number | | | | | |
| Application Number: | pplication Number: 12791457 | | | | |
| CORRESPONDENCE DATA | | | | | |
| Fax Number: | 31425920 | | | | |
| | | | the fax attempt is unsuccessful. | | |
| Email: Correspondent Name: | | | ncave.com lev | | |
| Correspondent Name: Benjamin J. Sodey Address Line 1: Bryan Cave LLP | | | | | |
| Address Line 2: 211 N. Broadway, Suite 3600 | | | | | |
| Address Line 4: St. Louis, MISSOURI 63102 | | | | | |
| ATTORNEY DOCKET N | ATTORNEY DOCKET NUMBER: PF0583US2_0310899 | | | | |
| NAME OF SUBMITTER | AME OF SUBMITTER: Benjamin J. Sodey | | | | |
| Signature: | ure: /Benjamin J. Sodey/ | | | | |
| Date: | Date: 04/22/2013 | | | | |
| Total Attachments: 3 source=PF0583US2_E6 to E6 Abrasives#page1.tif source=PF0583US2_E6 to E6 Abrasives#page2.tif source=PF0583US2_E6 to E6 Abrasives#page3.tif | | | | | |

PATENT REEL: 030312 FRAME: 0268

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ASSIGNMENT

PARTIES:

- (1) Element Six (Production (Pty) Ltd of 1 Debid Road, Nuffield, Springs, South Africa and registered in South Africa under number 60/04396/07 (the "ASSIGNOR")
- (2) Element Six (Trade Marks) of Shannon Airport, County Clare, Ireland, and registered in Ireland under number 25542 (the "FIRST-ASSIGNEE")
- (3) Element Six Abrasives S.A. of 9 Rue Sainte Zithe L-2763, Luxembourg, and registered in Luxembourg under number B93186 (the "SUBSEQUENT-ASSIGNEE")

1. **DEFINITIONS:**

"APPLICATION" shall mean, jointly and severally, the following patent application(s):

| Country | Application No. and Application Date (Publication No. and Publication Date) | Inventors | Title | References |
|---------|--|--|--|-------------|
| GB | 0909350.1 filed on 01 June 2009 | Kaveshini NAIDOO and Thembinkosi | Polycrystalline Diamond Material and A Method of Making Same | PF0583-GB-0 |
| US | 61/183,208 filed on 02 June 2009 | SHABALALA | Polycrystalline Diamond Material and A Method of Making Same | PF0583-US-0 |
| WO | PCT/IB2010/052418 filed on 31 May 2010 (Published on 09 December 2010 as WO 2010/140108) | | Polycrystalline Diamond | PF0583-WO-0 |
| US | 12/791,457 filed on 01 June 2010 | | Polycrystalline Diamond | PF0583-US-2 |

1.2 "INVENTION" shall mean, jointly and severally, the invention or inventions to which the APPLICATION relates.

2. WHEREAS

2.1 By a first Deed of Assignment dated 28th June 2011 (the "EFFECTIVE DATE") the ASSIGNOR assigned Registered Intellectual Property Rights including the APPLICATION (hereinafter collectively and severally "REGISTERED IP RIGHTS"), and unregistered Intellectual Property Rights, to the FIRST-ASSIGNEE, and by a subsequent Deed of Assignment dated the EFFECTIVE DATE the FIRST-ASSIGNEE assigned the same to the SUBSEQUENT-ASSIGNEE.

3. IT IS AGREED THAT:

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

3.1 The ASSIGNOR confirms the assignment of and as necessary assigns to the FIRST-ASSIGNEE, from the EFFECTIVE DATE, the right title and interest in the INVENTION and the APPLICATION, and the FIRST-ASSIGNEE confirms its acceptance of, and as necessary

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accepts, from the EFFECTIVE DATE, the right title and interest in the INVENTION and the APPLICATION.

- 3.2 The FIRST-ASSIGNEE confirms the subsequent assignment of and as necessary assigns to the SUBSEQUENT-ASSIGNEE, from the EFFECTIVE DATE, the right title and interest in the INVENTION and the APPLICATION, and the SUBSEQUENT-ASSIGNEE confirms its acceptance of, and as necessary accepts, from the EFFECTIVE DATE, the right title and interest in the INVENTION and the APPLICATION.
- 3.3 The assignments of the right title and interest in the INVENTION and the APPLICATION in clauses 3.1 and 3.2 include 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 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.
- 3.3 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 on behalf of the ASSIGNOR | | Signed on behalf of the FIRST-ASSIGNEE | | |
|----------------------------------|--|--|---|--|
| | oduction (Pty) Ltd of 1 Debid Springs, South Africa | | Trade Marks) of Shannon y Clare, Ireland | |
| Signature: | mrst. | Signature: | 6040 | |
| Name: | M. L. Fish | Name: | GRYCL GOON | |
| Position | Director | Position | Director | |
| Date: | 25/05/2012 | Date: | 15/5/12 | |

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Signed on behalf of the SUBSEQUENT-ASSIGNEE:

Element Six Abrasives S.A. of 9 Rue Sainte

Zithe L-2763, Luxembourg

Signature:

Name:

Authorised Signatory

Position

Date:

13 JUNE 2012

PATENT REEL: 030312 FRAME: 0271

RECORDED: 04/24/2013