

Form PTO-1595 (Rev. 01-09)  
OMB No. 0651-0027 (exp. 02/28/2009)

DOCKET NO.: ADAMS 4 US

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Robert James HOLDCROFT      Andre PIENAAR  
Neville Robert MARILLIER  
Derek Luke ANTHONY

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 2. Name and address of receiving party(ies)

Name: AFRICAN EXPLOSIVES LIMITED  
Address: AECI Place, 23/24 The Woodlands Woodlands Drive

City: WOODMEAD

State: \_\_\_\_\_

Country: South Africa

Zip: 2191

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 27, 2010

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/660,812      04 March 2010

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: THE FIRM OF HUESCHEN AND SAGE PLLC

Address: SEVENTH FLOOR, KALAMAZOO BUILDING  
107 WEST MICHIGAN AVENUE

City: KALAMAZOO

State: MI      Zip: 49007

Country: UNITED STATES OF AMERICA

Phone Number: 269-382-0030

Fax Number: 269-382-2030

Email Address: \_\_\_\_\_

### 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account No.: 08-3220

Authorized User Name G. Patrick SAGE

Total number of pages including cover sheet, attachments, and documents: 4

### 9. Signature:

  
Signature

G. PATRICK SAGE

Name of Person Signing

11 October 2010

Date

37,710

Registration No.

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1440, Alexandria, V.A. 22313-1450

CH \$40.00 083220 12660812

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PATENT  
REEL: 025129 FRAME: 0070

# Assignment of Rights, Title and Interest in Invention

Docket No.: ADAMS 4 US

This is an Assignment of the following rights, title and interest:

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Title of Invention:

MINING METHOD

\*\*\*\*\*

Inventor(s) / Assignor(s):

NAME	ADDRESS
Robert James HOLDCROFT	4 Komatie Road Emmarentia 2195 Johannesburg Gauteng Province SOUTH AFRICA
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\*\*\*\*\*

Inventor(s) / Assignor(s):

NAME	ADDRESS
AFRICAN EXPLOSIVES LIMITED	AECI Place, 23/24 The Woodlands Woodlands Drive 2191 WOODMEAD SOUTH AFRICA

\*\*\*\*\*

Whereas, I (we), the above-identified Inventor(s), have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas I (we) represent and warrant that I (we) have the full and unencumbered right to sell, assign, and transfer my (our) interest in the Invention, and that I (we) have not executed and will not execute any document or instrument in conflict herewith;

And, whereas I (we) desire to assign my (our) above-identified rights, title and interest in the Invention to the above-identified Assignee(s);

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof and adequacy of which is hereby acknowledged;

I (we) hereby assign, sell and transfer my (our) above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and global equivalents thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, extensions, and other benefits accruing or to accrue to me (us) with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I (we) hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee(s), as assignee(s) of the whole right, title and interest thereto;

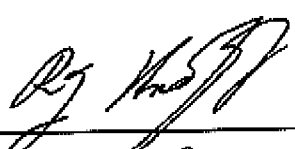
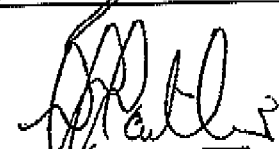

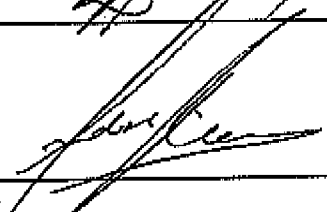
And I (we) further agree to sign and execute all necessary and lawful future documents, including applications for global equivalents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my (our) aforesaid Invention, and/or for obtaining and enforcing proper title in and protection for said Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense;

And I (we) further authorize any member of The Firm of Hueschen and Sage, PLLC to insert or complete any information in this document to effect its recordal in the United States Patent and Trademark Office, and countries foreign thereto;

And I (we) further understand and agree that the attorneys and agents of The Firm of Hueschen and Sage, PLLC do not personally represent my (our) legal interests, but instead represent the interests of Assignee(s), and I (we) further understand my (our) right to seek my (our) own independent legal counsel.

\*\*\*\*\*

Inventor(s) Signature(s):

NAME	SIGNATURE	DATE
Robert James HOLDCROFT		27 AUGUST 2010
Neville Robert MARILLIER		27 August 2010
Derek Luke ANTHONY		27 August 2010
Andre PIENAAR		27 August 2010 27/8/2010

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U.S. Serial No. Basic Application No.  
Assignment of Rights, Title and Interest of Invention of 17 February 2010  
ADAMS 4 US  
(rev. 01/2010)

PATENT

RECORDED: 10/11/2010

REEL: 025129 FRAME: 0073