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Docket No.: 146-01

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp 5/31/2002)  
P08A/REV03

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11-25-2002

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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102292720

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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

Steven Thomson  
Anthony M. Palmer  
Andrew D. Hunter

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

Name: Orica Explosives Technology Pty LtdAddress: 1 Nicholson Street

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other To correct receiving party name on assignment  
previously recorded at Reel/Frame 012923/0065Execution Date: 10/14/2002, 10/18/2002, 9/22/2002City: Melbourne State/Prov.: VictoriaCountry: Australia ZIP: 3000

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/030,876

05/10/2002

Additional numbers

☐ Yes ☒ NoOFFICE OF PUBLIC RECORDS  
2002 NOV 13 AM 10:36  
FINANCE SECTION

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

Name: Sally A. SullivanRegistration No. 32,064Address: Greenlee, Winner and Sullivan5370 Manhattan CircleSuite 201City: Boulder State/Prov.: COCountry: USA ZIP: 80303

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

1

7. Total fee (37 CFR 3.41): .....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

07-1969

(Attach duplicate copy of this page if paying by deposit account)

40.00 00

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Sally A. Sullivan

Name of Person Signing

Signature

November 5, 2002

Date

5

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

PATENT

REEL: 013503 FRAME: 0833

11/02/2002 LMEILLER 0000024 10530876

01 PC:8021

WHEREAS, I/WE

**Steven THOMSON**, an Australian citizen of Orica Explosives Technical Centre, George Booth Drive, Kurri Kurri, New South Wales 2327, Australia;

**Anthony M PALMER**, an Australian citizen of Orica Explosives Technical Centre, George Booth Drive, Kurri Kurri, New South Wales 2327, Australia;

**Andrew D HUNTER**, an Australian citizen of 90 Sky Point Road, Coal Point, New South Wales 2283, Australia

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in (TITLE) **Primer casing and method of charging a blasthole**

the specification of which:

(a) ☐ was executed on even date herewith,

(b) ☐ was filed on \_\_\_\_\_ as ☐ Application No. \_\_\_\_\_ or ☐ Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or

(c) ☒ was described and claimed in PCT International Application No. **PCT/AU00/00824** filed on **7 July 2000** and as amended under PCT Article 19 on \_\_\_\_\_ (if any) and/or under PCT Article 34 on **14 May, 2001** (if any).

AND WHEREAS, **ORICA EXPLOSIVES TECHNOLOGY PTY LTD**, of 1 Nicholson Street, Melbourne, Victoria 3000

(hereinafter referred to as Assignee) desires to acquire the entire rights, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.


AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

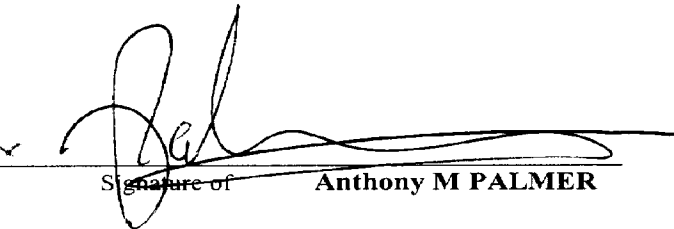
This 14 day of October, 2002




Signature of **Steven THOMSON**

  
Witness Renae Carroll

This 18 day of October, 2002



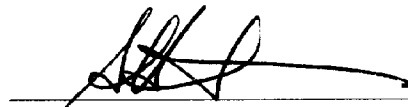
Signature of **Anthony M PALMER**

  
Witness Simone Elbarne.

This 22nd day of SEPTEMBER, 2002



Signature of **Andrew D HUNTER**

  
Witness