

COKR
8-31-01

REC

08-31-2001



HEET

OMB No. 0651-0011 (exp. 4/94)

Tab settings

To the Honorable Commissioner of Patents and Trademarks

101830873

attached original documents or copy thereof.

1. Name of conveying party(ies):

Sek K. Chan
Raymond Carriere
John T. Reid

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: April 4, 9, & 20/2001

2. Name and address of receiving party(ies)

Name: ORICA EXPLOSIVES TECHNOLOGY PTY LTD

Internal Address: _____

Street Address: 1 NICHOLSON STREET

MELBOURNE, VICTORIA 3000
AUSTRALIA

City: _____ State: _____ ZIP: _____

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

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

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

A. Patent Application No.(s)

09/559,662

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Edwin J. Gale

Internal Address: _____

KIRBY EADES GALE BAKER

Street Address: BOX 3432 STATION D

OTTAWA ONTARIO CANADA K1P 6N9

City: _____ State: _____ ZIP: _____

08/31/2001 DBYRNE 00000143 09559662

01 FC:581

40.00 OP

DO NOT USE THIS SPACE

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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

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.

Susan J. Damron
Name of Person Signing

Susan J. Damron
Signature

August 31, 2001

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:



5-10-01

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

1. Name of conveying party(ies):

Sek K. Chan;
Raymond Carrier;
John T. Reid

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

5-10-01

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

Name: ORICA EXPLOSIVES TECHNOLOGY PTY LTD.

Address: 1 Nicholson Street
Melbourne, Victoria 3000
AUSTRALIA

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

Execution Date: April 4, 9 & 20 / 2001

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

RECEIVED
2001 MAY 10 PM 4 04
ASSIGNMENT SERVICES
DIVISION

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

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

A. Patent Application No.(s)

09 / 559,662

B. Patent No.(s)

Additional numbers attached? Yes No

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

KIRBY, EADES, GALE, BAKER,
Box 3432, Stn. D,
Ottawa, Ontario,
Canada K1P 6N9.

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): _____ \$40.00

- Enclosed
- Authorized to be charged to deposit account
- Credit Card Authorization - American Express

8. Deposit account number: _____

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

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.

EDWIN J. GALE

Name of Person Signing

REG. NO. 28,584

Signature

MAY 8 / 01
Date

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

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

U.S. ASSIGNMENT
PENDING DES/PAT APPLICATION
INDIVIDUAL(S) TO CO/IND

I/WE, Sek K. CHAN, Raymond CARRIERE, John T. REID of 4076 Kurchiran Street, Pierrefonds, Quebec, Canada H9H 4A9; 276 Woodbine Steet, Brownsburg, Quebec, Canada J0V 1A0; 24 Bunting Lane, Kanata, Ontario, Canada K2M 2P7

(name and address of assignor(s))

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell and assign to ORICA EXPLOSIVES TECHNOLOGY PTY LTD. of 1 Nicholson Street, Melbourne, Victoria 3000, Australia

(name and address of assignee)

hereinafter called the assignee, the entire right, title and interest in and to the invention entitled

BLAST INITIATION DEVICE

as disclosed in the United States patent application Serial No. 09/559,662 filed April 28th, 2000

and in and to said United States patent application, and in and to any division, continuation or continuation-in-part of said application, and in and to any and all Letters Patent and reissues and extensions thereof, in and for the United States, Canada, and all other countries, the same to be held and enjoyed by the said assignee, its successors, assigns, or legal representatives to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

SIGNED at _____

this _____ day of _____

Date : Apr. 4, 2001
Witness : Camille Lalonde
Address : 76 Hamelin St.
Lachute, Que.
J8H 2X6



(signature of assignor)
Sek K. Chan

Date : Apr. 9, 2001
Witness : Camille Lalonde
Address : 76 Hamelin St.
Lachute, Quebec
J8H 2X6



(signature of assignor)
Raymond Carriere

Date : 20 APR 91
Witness : [Signature]
Address : 35 BUNTING LANE
KAWAIA, OHI.
K2M 2P7

[Signature]
(signature of assignor)
John T. Reid

Date : _____
Witness : _____
Address : _____

(signature of assignor)

Date : _____
Witness : _____
Address : _____

(signature of assignor)

Date : _____
Witness : _____
Address : _____

(signature of assignor)

Date : _____
Witness : _____
Address : _____

(signature of assignor)

Date : _____
Witness : _____
Address : _____

(signature of assignor)



5-10-01

101719038

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

1. Name of conveying party(ies):

Sek K. Chan;
Raymond Carrier;
John T. Reid
Additional name(s) of conveying party(ies) attached? Yes No

5-10-01

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

Name: ORICA EXPLOSIVES TECHNOLOGY PTY. LTD.
Address: 1 Nicholson Street
Melbourne, Victoria 3000
AUSTRALIA

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: April 4, 9 & 20 / 2001

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

RECEIVED
2001 MAY 10 PM 4 04
ASSIGNMENT SERVICES
DIVISION

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

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

A. Patent Application No.(s)

09 / 559,662

B. Patent No.(s)

Additional numbers attached? Yes No

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

KIRBY, EADES, GALE, BAKER,
Box 3432, Stn. D,
Ottawa, Ontario,
Canada K1P 6N9.

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): _____ \$40.00

- Enclosed
- Authorized to be charged to deposit account
- Credit Card Authorization - American Express

8. Deposit account number: _____

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

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.

EDWIN J. GALE
Name of Person Signing
REG. NO. 28,584

Signature

MAY 8 / 01
Date

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

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

05/15/2001 LRVELLER 00000842 09559666

01 FD:581

40.00 DP

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-100C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

U.S. ASSIGNMENT
PENDING DES/PAT APPLICATION
INDIVIDUAL(S) TO CO/IND

I/WE, Sek K. CHAN, Raymond CARRIERE, John T. REID of 4076 Kurchiran Street, Pierrefonds, Quebec, Canada H9H 4A9; 276 Woodbine Steet, Brownsburg, Quebec, Canada J0V 1A0; 24 Bunting Lane, Kanata, Ontario, Canada K2M 2P7

(name and address of assignor(s))

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell and assign to ORICA EXPLOSIVES TECHNOLOGY PTY LTD. of 1 Nicholson Street, Melbourne, Victoria 3000, Australia

(name and address of assignee)

hereinafter called the assignee, the entire right, title and interest in and to the invention entitled

BLAST INITIATION DEVICE

as disclosed in the United States patent application Serial No. 09/559,662 filed April 28th, 2000

and in and to said United States patent application, and in and to any division, continuation or continuation-in-part of said application, and in and to any and all Letters Patent and reissues and extensions thereof, in and for the United States, Canada, and all other countries, the same to be held and enjoyed by the said assignee, its successors, assigns, or legal representatives to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

SIGNED at _____

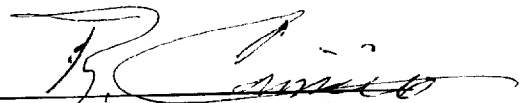
this _____ day of _____.

Date : Apr. 4, 2001
Witness : Camille Lalonde
Address : 76 Hamelin St.
Lachute, Que.
J8H 2X6



(signature of assignor)
Sek K. Chan

Date : Apr. 9, 2001
Witness : Camille Lalonde
Address : 76 Hamelin
Lachute, Québec
J8H 2X6



(signature of assignor)
Raymond Carriere

Date : 20 APR 91
Witness :
Address : 35 BURNING LANE
KANATA, QUIT.
K2M 2P7

John T. Reid
(signature of assignor)
John T. Reid

Date :
Witness :
Address :

(signature of assignor)

Date :
Witness :
Address :

(signature of assignor)

Date :
Witness :
Address :

(signature of assignor)

Date :
Witness :
Address :

(signature of assignor)

Date :
Witness :
Address :

(signature of assignor)