

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard GOODRIDGE</td> <td>07/30/2011</td> </tr> <tr> <td>Vladimir SUJANSKY</td> <td>01/31/2013</td> </tr> <tr> <td>Ivan JUNARSA</td> <td>08/02/2011</td> </tr> <tr> <td>Kira LAKIN</td> <td>08/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Richard GOODRIDGE	07/30/2011	Vladimir SUJANSKY	01/31/2013	Ivan JUNARSA	08/02/2011	Kira LAKIN	08/02/2011
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Richard GOODRIDGE	07/30/2011										
Vladimir SUJANSKY	01/31/2013										
Ivan JUNARSA	08/02/2011										
Kira LAKIN	08/02/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Orica International Pte Ltd</td> </tr> <tr> <td>Street Address:</td> <td>78 Shenton Way, #06-15 Tower 2</td> </tr> <tr> <td>City:</td> <td>Singapore</td> </tr> <tr> <td>State/Country:</td> <td>SINGAPORE</td> </tr> <tr> <td>Postal Code:</td> <td>079120</td> </tr> </table>		Name:	Orica International Pte Ltd	Street Address:	78 Shenton Way, #06-15 Tower 2	City:	Singapore	State/Country:	SINGAPORE	Postal Code:	079120
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13816543</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13816543						
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CORRESPONDENCE DATA											
<p>Fax Number: 7032058050 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7032058000</p> <p>Email: mailroom@bskb.com, mussie.beyene@bskb.com</p> <p>Correspondent Name: BIRCH, STEWART, KOLASCH, & BIRCH, LLP.</p> <p>Address Line 1: P.O. BOX 747</p> <p>Address Line 4: Falls Church, VIRGINIA 22040-0747</p>											
ATTORNEY DOCKET NUMBER:	0446-0226PUS1										
NAME OF SUBMITTER:	Mussie B. Beyene										
<p>Total Attachments: 30 source=2013-02-05 DeedOfAssignment 0446-0226PUS1 3536427#page1.tif</p>											

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Attorney Docket No.: 0446-0226PUS1

App. No.: 13/816,543

Filed on: February 12, 2013



DAVIES COLLISON CAVE

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

BETWEEN

IVAN JUNARSA

AND

KIRA LAKIN

AND

VLADIMIR SUJANSKY

AND

Richard GOODRIDGE

AND

ORICA AUSTRALIA PTY LTD

AND

ORICA INTERNATIONAL PTE LTD

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

DAVIES COLLISON CAVE
Patent & Trade Mark Attorneys
1 Nicholson St
Melbourne Victoria 3000
Australia

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

THIS DEED OF ASSIGNMENT is made this day of 2011
("the effective date")

BETWEEN: **IVAN JUNARSA**, of 43 Lawson Road, Macquarie Hills, New South Wales, 2285, Australia; ("JUNARSA"), **KIRA LAKIN**, of 198 Watkins Road, Wangi Wangi, New South Wales, 2267, Australia ("LAKIN"), **VLADIMIR SUJANSKY**, of 16 Pippin Avenue, East Burwood, Victoria, 3151, Australia; ("SUJANSKY"), **RICHARD GOODRIDGE**, of 30 Cowlshaw Street, Redhead, New South Wales, 2290, Australia ("GOODRIDGE"); (collectively "the Inventors")

**AND: ORICA AUSTRALIA PTY LTD, of 1 Nicholson Street,
Melbourne, Victoria 3000, Australia ("OA")**

AND: ORICA INTERNATIONAL PTE LTD, of 78 Shenton Way
#06-15 Tower 2, Singapore 079120 (“OIPL”)

WHEREAS:

- A. The Inventors have made an invention relating to Production Process ("the Invention") which is the subject of a Singapore Patent Application No. 201005918.6 ("the Application") filed in the name of OIPL on 13 August 2010.
- B. At the time of making the Invention, JUNARSA, LAKIN, SUJANSKY and GOODRIDGE were employed by OA and hereby acknowledges that they are under an obligation to assign all their right, title and interest in and to the Invention for Australia and for all countries foreign thereto ("Foreign Territories") to OA or to such other party as may be nominated by OA.

- C. OIPL has now requested that OA and the Inventors, and OA and the Inventors have agreed to enter into this Deed of Assignment.

NOW THIS DEED OF ASSIGNMENT WITNESSES as follows:

1. JUNARSA, LAKIN, SUJANSKY and GOODRIDGE each hereby acknowledge that:
 - a) he was involved in the creation of the Invention;
 - b) the Invention was created by him while he was an employee of OA;
 - c) all of his involvement in the creation of the Invention was in the ordinary course of his employment, that is, all such involvement was in performance of the position which he was employed by OA to perform; and
 - d) as a consequence of the employment relationship with OA, the whole right, title and interest in the Invention vested in OA upon creation.
2. To the extent that JUNARSA, LAKIN, SUJANSKY and GOODRIDGE have retained any right, title or interest in the Invention, JUNARSA, LAKIN, SUJANSKY and GOODRIDGE hereby assign all of that right, title and interest in and to the Invention to OA absolutely.
3. OA hereby acknowledges that all its right, title and interest in and to the Invention is vested absolutely in and is the property of OIPL., the right, title and interest in and to the Invention being:-
 - (a) all of the right, title and interest in and to the Invention for Australia and for Foreign Territories;
 - (b) the right to file any application for patent or similar provision in Australia or Foreign Territories in respect of the Invention (including any regular, divisional, continuation or continuation-in-part application) whether in the name of OIPL or in such other name or names as OIPL may direct ("Foreign Application") together with the rights obtained in any patent or patents issued pursuant thereto or reissue or re-examination thereon; and

- (c) the right to file an international application under the Patent Cooperation Treaty designating Australia and/or Foreign Territories for patent or similar provision in respect of the Invention whether in the name of OIPL or in such other name or names as OIPL may direct together with the rights obtained in any patent or patents issued pursuant thereto in Australia or in Foreign Territories.
- 4. To the extent that, as at the date of this Deed, OA holds any right, title or interest in the Invention in its own right, OA hereby assigns, transfers and sets over to OIPL absolutely any and all of its right, title and interest in and to the Invention.
- 5. Each of the Inventors, and OA agree, at the request of OIPL, to execute such documents and do all such acts and things as OIPL may reasonably require:
 - (a) to enable any application in respect of the Invention to be filed in the name of OIPL or otherwise as it may direct;
 - (b) to assist in the prosecution of any such application so filed; and
 - (c) to vest in OIPL or as it may direct any such application and any right granted pursuant thereto.

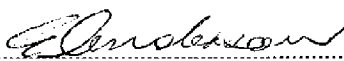
The provisions of this clause 5 shall continue to bind the Inventors notwithstanding that at the time when they are called upon to implement the same their employment with OA may have ceased.

- 6. OA hereby agrees that JUNARSA, LAKIN, SUJANSKY and GOODRIDGE may execute assignments of the Invention and any Foreign Application directly to OIPL subsequent to the effective date hereof and that any such assignment by the Inventors shall be treated as a confirmatory assignment of the rights assigned hereby.
- 7. In this Deed, the expression "the Inventors" includes their respective legal personal representatives and the expressions "OA" and "OIPL" include their respective successors and assigns.

8. This Deed may be executed in any number of counterparts. All counterparts together will constitute one instrument.

IN WITNESS WHEREOF the parties hereto have executed this Deed effective the date first above mentioned.

SIGNED, SEALED and DELIVERED by)
IVAN JUNARSA in the presence of:)


Witness – Signature

ELAINE ANDERSON
Witness – Name (please print)

Date: 2/08/2011


IVAN JUNARSA
Signature

SIGNED, SEALED and DELIVERED by)
KIRA LAKIN in the presence of:)

Witness – Signature

Witness – Name (please print)

Date:

KIRA LAKIN
Signature

SIGNED, SEALED and DELIVERED by)
VLADIMIR SUJANSKY in the presence)
of:)

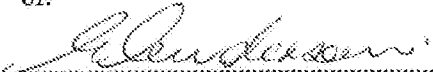
Witness – Signature

Witness – Name (please print)

Date:

VLADIMIR SUJANSKY
Signature

SIGNED, SEALED and DELIVERED by)
RICHARD GOODRIDGE in the presence)
of:)


Witness – Signature

ELAINE ANDERSON
Witness – Name (please print)

Date: 30th July 2011


RICHARD GOODRIDGE
Signature

EXECUTED for and on behalf of ORICA)
AUSTRALIA PTY LTD (ACN 004 117)
828) by its duly authorised officer in the)
presence of:

Authorised Officer – Signature

Witness – Signature

Authorised Officer – Name

Witness – Name (please print)

Authorised Officer – Position (please print)

Date:

EXECUTED for and on behalf of ORICA)
INTERNATIONAL PTE LTD by its duly)
authorised officer in the presence of:

Authorised Officer – Signature

Witness – Signature

Authorised Officer – Name

Witness – Name (please print)

Authorised Officer – Position (please print)

Date:

Attorney Docket No.: 0446-0226PUS1

App. No.: 13/816,543

Filed on: February 12, 2013


DAVIES COLLISON CAVE

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

BETWEEN
IVAN JUNARSA
AND
KIRA LAKIN
AND
VLADIMIR SUJANSKY
AND
Richard GOODRIDGE
AND
ORICA AUSTRALIA PTY LTD
AND
ORICA INTERNATIONAL PTE LTD

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

DAVIES COLLISON CAVE
Patent & Trade Mark Attorneys
1 Nicholson St
Melbourne Victoria 3000
Australia

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AND: **ORICA AUSTRALIA PTY LTD**, of 1 Nicholson Street, Melbourne, Victoria 3000, Australia ("OA")

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WHEREAS:

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 - a) ^(u)she/he was involved in the creation of the Invention;
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 - c) all of his/^(u)her involvement in the creation of the Invention was in the ordinary course of his/^(u)her employment, that is, all such involvement was in performance of the position which he/^(u)she was employed by OA to perform; and
 - d) as a consequence of the employment relationship with OA, the whole right, title and interest in the Invention vested in OA upon creation.
2. To the extent that JUNARSA, LAKIN, SUJANSKY and GOODRIDGE have retained any right, title or interest in the Invention, JUNARSA, LAKIN, SUJANSKY and GOODRIDGE hereby assign all of that right, title and interest in and to the Invention to OA absolutely.
3. OA hereby acknowledges that all its right, title and interest in and to the Invention is vested absolutely in and is the property of OIPL, the right, title and interest in and to the Invention being:-
 - (a) all of the right, title and interest in and to the Invention for Australia and for Foreign Territories;
 - (b) the right to file any application for patent or similar provision in Australia or Foreign Territories in respect of the Invention (including any regular, divisional, continuation or continuation-in-part application) whether in the name of OIPL or in such other name or names as OIPL may direct ("Foreign Application") together with the rights obtained in any patent or patents issued pursuant thereto or reissue or re-examination thereon; and

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The provisions of this clause 5 shall continue to bind the Inventors notwithstanding that at the time when they are called upon to implement the same their employment with OA may have ceased.

- 6. OA hereby agrees that JUNARSA, LAKIN, SUJANSKY and GOODRIDGE may execute assignments of the Invention and any Foreign Application directly to OIPL subsequent to the effective date hereof and that any such assignment by the Inventors shall be treated as a confirmatory assignment of the rights assigned hereby.
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SIGNED, SEALED and DELIVERED by)
IVAN JUNARSA in the presence of:)
)

Witness - Signature

IVAN JUNARSA
Signature

Witness - Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
KIRA LAKIN in the presence of:)
)

Witness - Signature

KIRA LAKIN
Signature

Witness - Name (please print)

Date: 2/8/11

SIGNED, SEALED and DELIVERED by)
VLADIMIR SUJANSKY in the presence of:)
)

Witness - Signature

VLADIMIR SUJANSKY
Signature

Witness - Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
RICHARD GOODRIDGE in the presence)
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Witness – Signature

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RICHARD GOODRIDGE
Signature

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Witness – Name (please print)

Date:

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AUSTRALIA PTY LTD (ACN 004 117)
828) by its duly authorised officer in the)
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IN WITNESS WHEREOF the parties hereto have executed this Deed effective the date first above mentioned.

SIGNED, SEALED and DELIVERED by)
IVAN JUNARSA in the presence of:)
)

Witness – Signature

IVAN JUNARSA
Signature

Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
KIRA LAKIN in the presence of:)
)

Witness – Signature

KIRA LAKIN
Signature

Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
VLADIMIR SUJANSKY in the presence)
of:)

Witness – Signature

VLADIMIR SUJANSKY
Signature

Witness – Name (please print)

Date: 31-1-2013

SIGNED, SEALED and DELIVERED by)
RICHARD GOODRIDGE in the presence)
of:)

.....
Witness – Signature

.....
RICHARD GOODRIDGE
Signature

.....
Witness – Name (please print)

Date:

EXECUTED for and on behalf of **ORICA**)
AUSTRALIA PTY LTD (ACN 004 117)
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presence of:)

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Authorised Officer – Signature

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.....
Authorised Officer – Position (please print)

Date:

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Witness – Signature

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Authorised Officer – Name

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Date:

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DAVIES COLLISON CAVE



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BETWEEN
IVAN JUNARSA
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KIRA LAKIN
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1 Nicholson St
Melbourne Victoria 3000
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THIS DEED OF ASSIGNMENT is made this day of 2011
("the effective date")

BETWEEN: **IVAN JUNARSA**, of 43 Lawson Road, Macquarie Hills, New South Wales, 2285, Australia; ("JUNARSA"), **KIRA LAKIN**, of 198 Watkins Road, Wangi Wangi, New South Wales, 2267, Australia ("LAKIN"), **VLADIMIR SUJANSKY**, of 16 Pippin Avenue, East Burwood, Victoria, 3151, Australia; ("SUJANSKY"), **RICHARD GOODRIDGE**, of 30 Cowlishaw Street, Redhead, New South Wales, 2290, Australia ("GOODRIDGE"); (collectively "the Inventors")

AND: **ORICA AUSTRALIA PTY LTD**, of 1 Nicholson Street, Melbourne, Victoria 3000, Australia ("OA")

AND: **ORICA INTERNATIONAL PTE LTD**, of 78 Shenton Way #06-15 Tower 2, Singapore 079120 ("OIPL")

WHEREAS:

- A. The Inventors have made an invention relating to Production Process ("the Invention") which is the subject of a Singapore Patent Application No. 201005918.6 ("the Application") filed in the name of OIPL on 13 August 2010.
- B. At the time of making the Invention, JUNARSA, LAKIN, SUJANSKY and GOODRIDGE were employed by OA and hereby acknowledges that they are under an obligation to assign all their right, title and interest in and to the Invention for Australia and for all countries foreign thereto ("Foreign Territories") to OA or to such other party as may be nominated by OA.

- C. OIPL has now requested that OA and the Inventors, and OA and the Inventors have agreed to enter into this Deed of Assignment.

NOW THIS DEED OF ASSIGNMENT WITNESSES as follows:

1. JUNARSA, LAKIN, SUJANSKY and GOODRIDGE each hereby acknowledge that:
 - a) he was involved in the creation of the Invention;
 - b) the Invention was created by him while he was an employee of OA;
 - c) all of his involvement in the creation of the Invention was in the ordinary course of his employment, that is, all such involvement was in performance of the position which he was employed by OA to perform; and
 - d) as a consequence of the employment relationship with OA, the whole right, title and interest in the Invention vested in OA upon creation.
2. To the extent that JUNARSA, LAKIN, SUJANSKY and GOODRIDGE have retained any right, title or interest in the Invention, JUNARSA, LAKIN, SUJANSKY and GOODRIDGE hereby assign all of that right, title and interest in and to the Invention to OA absolutely.
3. OA hereby acknowledges that all its right, title and interest in and to the Invention is vested absolutely in and is the property of OIPL, the right, title and interest in and to the Invention being:-
 - (a) all of the right, title and interest in and to the Invention for Australia and for Foreign Territories;
 - (b) the right to file any application for patent or similar provision in Australia or Foreign Territories in respect of the Invention (including any regular, divisional, continuation or continuation-in-part application) whether in the name of OIPL or in such other name or names as OIPL may direct ("Foreign Application") together with the rights obtained in any patent or patents issued pursuant thereto or reissue or re-examination thereon; and

- (c) the right to file an international application under the Patent Cooperation Treaty designating Australia and/or Foreign Territories for patent or similar provision in respect of the Invention whether in the name of OIPL or in such other name or names as OIPL may direct together with the rights obtained in any patent or patents issued pursuant thereto in Australia or in Foreign Territories.
- 4. To the extent that, as at the date of this Deed, OA holds any right, title or interest in the Invention in its own right, OA hereby assigns, transfers and sets over to OIPL absolutely any and all of its right, title and interest in and to the Invention.
 - 5. Each of the Inventors, and OA agree, at the request of OIPL, to execute such documents and do all such acts and things as OIPL may reasonably require:
 - (a) to enable any application in respect of the Invention to be filed in the name of OIPL or otherwise as it may direct;
 - (b) to assist in the prosecution of any such application so filed; and
 - (c) to vest in OIPL or as it may direct any such application and any right granted pursuant thereto.

The provisions of this clause 5 shall continue to bind the Inventors notwithstanding that at the time when they are called upon to implement the same their employment with OA may have ceased.

- 6. OA hereby agrees that JUNARSA, LAKIN, SUJANSKY and GOODRIDGE may execute assignments of the Invention and any Foreign Application directly to OIPL subsequent to the effective date hereof and that any such assignment by the Inventors shall be treated as a confirmatory assignment of the rights assigned hereby.
- 7. In this Deed, the expression "the Inventors" includes their respective legal personal representatives and the expressions "OA" and "OIPL" include their respective successors and assigns.

8. This Deed may be executed in any number of counterparts. All counterparts together will constitute one instrument.

IN WITNESS WHEREOF the parties hereto have executed this Deed effective the date first above mentioned.

SIGNED, SEALED and DELIVERED by)
IVAN JUNARSA in the presence of:)
)

Witness – Signature

IVAN JUNARSA
Signature

Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
KIRA LAKIN in the presence of:)
)

Witness – Signature

KIRA LAKIN
Signature

Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
VLADIMIR SUJANSKY in the presence)
of:)

Witness – Signature

VLADIMIR SUJANSKY
Signature

Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
RICHARD GOODRIDGE in the presence)
of:)

Witness -- Signature

RICHARD GOODRIDGE
Signature

Witness -- Name (please print)

Date:

EXECUTED for and on behalf of ORICA)
AUSTRALIA PTY LTD (ACN 004 117)
828) by its duly authorised officer in the)
presence of:

A. Cook
Authorised Officer -- Signature

Witness -- Signature

ANNETTE Cook
Authorised Officer -- Name

JOSRAHINA DYCE
Witness -- Name (please print)

COMPANY SECRETARY
Authorised Officer -- Position (please print)

Date: *8 August 2011*

EXECUTED for and on behalf of ORICA)
INTERNATIONAL PTE LTD by its duly)
authorised officer in the presence of:

Authorised Officer -- Signature

Witness -- Signature

Authorised Officer -- Name

Witness -- Name (please print)

Authorised Officer -- Position (please print)

Date:

Attorney Docket No.: 0446-0226PUS1

App. No.: 13/816,543

Filed on: February 12, 2013



DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

BETWEEN
IVAN JUNARSA
AND
KIRA LAKIN
AND
VLADIMIR SUJANSKY
AND
Richard GOODRIDGE
AND
ORICA AUSTRALIA PTY LTD
AND
ORICA INTERNATIONAL PTE LTD

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

DAVIES COLLISON CAVE
Patent & Trade Mark Attorneys
1 Nicholson St
Melbourne Victoria 3000
Australia

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AND: ORICA INTERNATIONAL PTE LTD, of 78 Shenton Way
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SIGNED, SEALED and DELIVERED by)
IVAN JUNARSA in the presence of:)
)

.....
Witness – Signature IVAN JUNARSA
Signature

.....
Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
KIRA LAKIN in the presence of:)
)

.....
Witness – Signature KIRA LAKIN
Signature

.....
Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
VLADIMIR SUJANSKY in the presence)
of:)

.....
Witness – Signature VLADIMIR SUJANSKY
Signature

.....
Witness – Name (please print)

Date:

SIGNED, SEALED and DELIVERED by)
RICHARD GOODRIDGE in the presence)
of:)

Witness -- Signature

RICHARD GOODRIDGE
Signature

Witness -- Name (please print)

Date:

EXECUTED for and on behalf of ORICA)
AUSTRALIA PTY LTD (ACN 004 117)
828) by its duly authorised officer in the)
presence of:

Authorised Officer -- Signature

Witness -- Signature

Authorised Officer -- Name

Witness -- Name (please print)

Authorised Officer -- Position (please print)

Date:

EXECUTED for and on behalf of ORICA)
INTERNATIONAL PTE LTD by its duly)
authorised officer in the presence of:

Authorised Officer -- Signature

Witness -- Signature

Authorised Officer -- Name

Witness -- Name (please print)

Authorised Officer -- Position (please print)

Date: 11 August 2011