

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7195331

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KRESTEN LUKAS COFFEY NIELSEN	06/17/2020
KIEREN PETER RASMUSSEN	06/18/2020
JOHANN ZANK	04/27/2021
RICHARD JOHN GOODRIDGE	06/17/2020
RECEIVING PARTY DATA	
Name:	ORICA AUSTRALIA PTY LTD
Street Address:	1 NICHOLSON STREET
City:	MELBOURNE
State/Country:	AUSTRALIA
Postal Code:	3000
Name:	ORICA INTERNATIONAL PTE LTD
Street Address:	78 SHENTON WAY, #06-15 TOWER 2
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	079120
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17622172
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	2028427800
Email:	steven.erickson@cooley.com, zippatentdocketingmailboxus@cooley.com
Correspondent Name:	COOLEY LLP
Address Line 1:	1299 PENNSYLVANIA AVENUE, NW, SUITE 700
Address Line 2:	ATTN: PATENT DEPARTMENT / LAWRENCE TEAGUE
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	DAVI-071/01US 040722-2010

NAME OF SUBMITTER:	LAWRENCE J. TEAGUE
SIGNATURE:	/Lawrence J.Teague/
DATE SIGNED:	02/25/2022
Total Attachments: 9 source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page1.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page2.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page3.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page4.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page5.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page6.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page7.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page8.tif source=DAVI-071-01US_Inventors to _Orica_ Australia PTY LTD and Orica International PTE LTD#page9.tif	

JUNE 2020

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

KRESTEN LUKAS COFFEY NIELSEN

KIEREN PETER RASMUSSEN

JOHANN ZANK

RICHARD JOHN GOODRIDGE

ORICA AUSTRALIA PTY LTD

ORICA INTERNATIONAL PTE LTD

Davies Collison Cave Pty Ltd
Intellectual Property
1 Nicholson St, Melbourne, VIC, 3000
Tel: +61 3 9254 2777 Fax: +61 3 9254 2770
Ref: 35528705/SPM
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INTELLECTUAL PROPERTY

PATENT
REEL: 059102 FRAME: 0252 ^{au}

DEED OF ACKNOWLEDGEMENT AND ASSIGNMENT

THIS DEED is made this 26th day of June 2020

BETWEEN:

KRESTEN LUKAS COFFEY NIELSEN of 61 Gold Creek Road, Brookfield, Australia
(Nielsen)

AND

KIEREN PETER RASMUSSEN of Unit 9, 129 Deakin St, Kurri Kurri NSW 2327, Australia
(Rasmussen)

AND

JOHANN ZANK of 14 Pandorea Way, Valentine NSW 2280, Australia (**Zank**)

AND

RICHARD JOHN GOODRIDGE of 30 Cowlshaw Street, Redhead, NSW 2290, Australia
(Goodridge)

(Nielsen, Rasmussen, Zank and Goodridge are, together, referred to as 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 contributed to an invention or inventions which are the subject of, and described or claimed (or both), in Singaporean Provisional Patent Application No. 10201905973Y entitled "BLASTING SYSTEMS WITH BLAST SUPPORT VEHICLES CONFIGURED FOR MAGNETIC INDUCTION (MI) BASED COMMUNICATION WITH WIRELESS BLAST-RELATED DEVICES, INCLUDING WIRELESS INITIATION DEVICES" (**Invention**).
- B. At the time of contributing to the Invention, the Inventors were employed by OA and hereby acknowledge 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. Each Inventor hereby acknowledges that:
 - (a) he/she contributed in the creation of the Invention;
 - (b) the contribution in the creation of the Invention by him/her was made while he/she was an employee of OA;
 - (c) all of his/her involvement in the creation of the Invention was in the ordinary course of his/her employment, that is, all such involvement was in performance of the position which he/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 an Inventor has retained any right, title or interest in or to the Invention, that Inventor hereby assigns 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 or to 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.

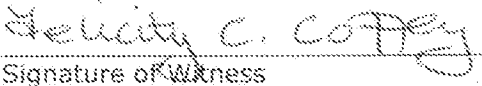
6. OA hereby agrees that the Inventors may execute assignments of the Invention and any Foreign Application directly to OIPL subsequent to the effective date hereof and that any such assignment by the Inventors shall be treated as a confirmatory assignment of the rights assigned hereby.
7. In this Deed, 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 counterparts by each of the parties hereto, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same document. Each party shall be bound by this Deed immediately upon executing it.
9. This Deed takes effect under, is governed by, and shall be construed according to the laws of the State of Victoria, Australia.

IN WITNESS WHEREOF the parties hereto have executed this Deed on the dates specified below and agree to be bound by it on and from the respective dates of execution.

SIGNED, SEALED and DELIVERED by)
KRESTEN LUKAS COFFEY NIELSEN in)
the presence of:



Signature of KRESTEN LUKAS COFFEY NIELSEN



Signature of Witness

17 June 2020
Date

Dr Felicity C. Coffey
Name of Witness

SIGNED, SEALED and DELIVERED by)
KIEREN PETER RASMUSSEN in the)
presence of:

KRasmussen
Signature of KIEREN PETER RASMUSSEN

8/06/20
Date

[Signature]
Signature of Witness

David Piper
Name of Witness

SIGNED, SEALED and DELIVERED by)
JOHANN ZANK in the presence of:

Signature of JOHANN ZANK

Signature of Witness

Date

Name of Witness

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

Signature of RICHARD JOHN GOODRIDGE

Signature of Witness

Date

Name of Witness

SIGNED, SEALED and DELIVERED by)
KIEREN PETER RASMUSSEN in the)
presence of:)

Signature of KIEREN PETER RASMUSSEN

Signature of Witness

Date

Name of Witness

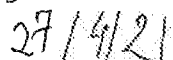
SIGNED, SEALED and DELIVERED by)
JOHANN ZANK in the presence of:)



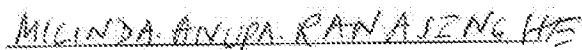
Signature of JOHANN ZANK



Signature of Witness



Date



Name of Witness

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

Signature of RICHARD JOHN GOODRIDGE

Signature of Witness

Date

Name of Witness

SIGNED, SEALED and DELIVERED by)
KIEREN PETER RASMUSSEN in the)
presence of:)

Signature of KIEREN PETER RASMUSSEN

Signature of Witness

Date

Name of Witness

SIGNED, SEALED and DELIVERED by)
JOHANN ZANK in the presence of:)

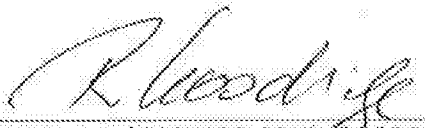
Signature of JOHANN ZANK

Signature of Witness

Date

Name of Witness

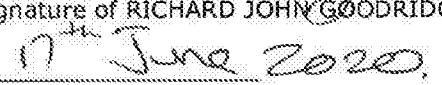
SIGNED, SEALED and DELIVERED by)
RICHARD JOHN GOODRIDGE in the)
presence of:)



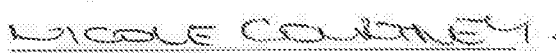
Signature of RICHARD JOHN GOODRIDGE



Signature of Witness



Date



Name of Witness

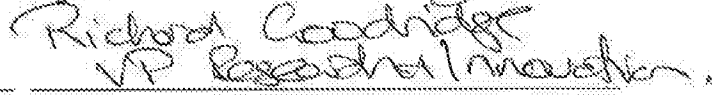
EXECUTED for and on behalf of **ORICA**
AUSTRALIA PTY LTD (ACN 004 117
828) by its duly authorised officer in the
presence of:)



Signature of Witness



Signature of Authorised Officer

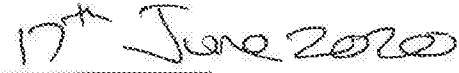


Name and title of Authorised Officer



Name of Witness

Date



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

Signature of Authorised Officer

Signature of Witness

Name and title of Authorised Officer

Name of Witness

Date

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

Signature of Authorised Officer

Signature of Witness

Name and title of Authorised Officer

Name of Witness

Date

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

Signature of Authorised Officer



Signature of Witness

Adam Mooney
Vice President – EBS, Wireless, and Automation

Name and title of Authorised Officer

Katrina Mooney

Name of Witness

Date

23/06/2020