

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5277338

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOBY COLLETT	03/06/2018
SAM MCARDLE	02/20/2018
SIAN PHILLIPS	03/06/2018
GREG SUMNER	02/20/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CROWN EQUIPMENT LIMITED
<b>Street Address:</b>	18 ANDROMEDA CRESCENT
<b>Internal Address:</b>	EAST TAMAKI
<b>City:</b>	AUCKLAND
<b>State/Country:</b>	NEW ZEALAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16046400
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(513)977-8141
<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>	
<b>Phone:</b>	5139778600
<b>Email:</b>	gina.smith@dinsmore.com
<b>Correspondent Name:</b>	DINSMORE & SHOHL LLP
<b>Address Line 1:</b>	255 EAST FIFTH STREET
<b>Address Line 2:</b>	SUITE 1900
<b>Address Line 4:</b>	CINCINNATI, OHIO 45202
<b>ATTORNEY DOCKET NUMBER:</b>	40165.1402
<b>NAME OF SUBMITTER:</b>	RITU SINGH
<b>SIGNATURE:</b>	/Ritu Singh/
<b>DATE SIGNED:</b>	12/11/2018
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

WHEREAS, we, **Toby Collett** of Auckland, New Zealand; **Sam McArdle** of Auckland, New Zealand; **Sian Phillips** of Auckland, New Zealand and **Greg Sumner** of Auckland, New Zealand (hereinafter "*ASSIGNORS*") have invented a new and original INVENTION (hereinafter "*INVENTION*") as set forth in:

Patent Application Serial No. 62/537,981 ; filed on July 28, 2017  
Named Inventors: Toby Collett; Sam McArdle; Sian Phillips; Greg Sumner  
Title: TRAFFIC MANAGEMENT FOR MATERIALS HANDLING VEHICLES IN A WAREHOUSE ENVIRONMENT  
Attorney Docket No. CRNZ 1627 MA

and pursuant to which have produced various works relating thereto including but not limited to Intellectual Property as set forth in the employment agreement (hereafter "*AGREEMENT*") and/or the Deed of Assignment of Intellectual Property (herein collectively referred to as "*WORKS*");

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney and/or agent recording the present assignment, to insert above the Application Serial No. and filing date of said application, when known;

AND WHEREAS, **Crown Equipment Limited** having a place of business at 18 Andromeda Crescent, East Tamaki, Auckland, New Zealand (hereinafter "*ASSIGNEE*") is desirous of acquiring the entire right, title and interest in and to said *INVENTION* and said *WORKS*, and in and to any and all Letters Patent utility models of the United States and foreign countries which may be obtained therefor;

AND WHEREAS when creating the *INVENTION*, and the *WORKS*, the *ASSIGNORS* was at all times an employee of the *ASSIGNEE*, in a technical position in which such *INVENTION*, designs, and *WORKS* are expected to arise; and by virtue of the *AGREEMENT* between the *ASSIGNORS* and the *ASSIGNEE*, all intellectual property rights relating to and deriving from the *INVENTION*, and the *WORKS* are deemed to belong to the *ASSIGNEE*;

NOW, THEREFORE, for good and valuable consideration of NZ\$1.00 (the receipt and sufficiency of which is hereby acknowledged) and the terms of my employment with the *ASSIGNEE*, including those set out in the *AGREEMENT*, I do hereby sell, assign, transfer and set over unto said *ASSIGNEE*, its legal representatives, successors, and assigns, free from all encumbrances, any remaining right, title and interest in and to the *INVENTION*, and the *WORKS* as set forth above, and in and to any and all intellectual property rights, including patents, utility models, designs, and intellectual property in the United States and foreign countries which may be issued for the *INVENTION*, and the *WORKS*, including the right to claim priority from any such intellectual property rights, to the extent that any such right, title and interest was not automatically conveyed to the *ASSIGNEE* under New Zealand law and/or pursuant to the *AGREEMENT* with the *ASSIGNEE*;

UPON SAID CONSIDERATIONS, I hereby agree that I will not execute any writing or do any act whatsoever conflicting with this ASSIGNMENT, and that I will, at any time upon request, without further or additional consideration but at the expense of said

*ASSIGNEE*, execute such additional assignments and other writings and do such additional acts as said *ASSIGNEE* may deem necessary or desirable to perfect said *ASSIGNEE*'s enjoyment of this grant, and render all necessary assistance in making any further applications for and obtaining all such intellectual property rights relating to the *INVENTION*, and the *WORKS* (including original, divisional, continuation, reexamined, reissued, or extended Letters Patent of the United States or any and all foreign countries based on the Designs, the *INVENTION*, and the *WORKS*, and in enforcing any intellectual property rights or choses in action accruing as a result of such intellectual property rights, by giving testimony in any proceedings or transactions involving such intellectual property rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of said *ASSIGNORS* and said *ASSIGNEE*;

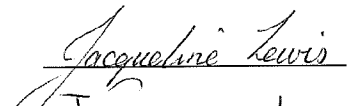
AND I request all Intellectual Property Offices to issue any such Intellectual Property rights which may be issued for, relating to or derived from the *INVENTION*, and the *WORKS* to said *ASSIGNEE*, its legal representatives, successors or assigns, as a joint owner of the entire right, title and interest in and to the intellectual property rights covered thereby.

[Remainder left intentionally blank]

IN WITNESS WHEREOF, the *ASSIGNOR*, Toby Collett, has hereunto set his hand and seal  
as of the 6<sup>th</sup> day of March, 2018.

Signature: 

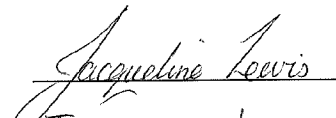
Signed in the presence of:

Signature:   
Name: JACQUELINE LEWIS  
Date: 6/3/2018

IN WITNESS WHEREOF, the *ASSIGNOR*, Sam McArdle, has hereunto set his hand and seal  
as of the 20 day of February, 2018.

Signature: 

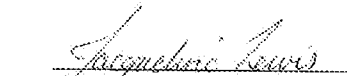
Signed in the presence of:

Signature:   
Name: JACQUELINE LEWIS  
Date: 20/2/2018

IN WITNESS WHEREOF, the *ASSIGNOR*, Sian Phillips, has hereunto set his hand and seal  
as of the 4 day of March, 2018.

Signature: 

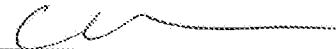
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Signature: 

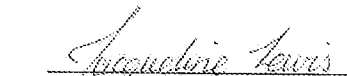
Name: JACQUELINE LEWIS

Date: 6/3/2018

IN WITNESS WHEREOF, the *ASSIGNOR*, Greg Sumner, has hereunto set his hand and seal  
as of the 20th day of 02, 2018.

Signature: 

Signed in the presence of:

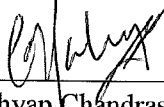
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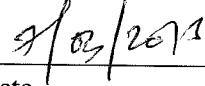
Name: JACQUELINE LEWIS

Date: 20/2/2018

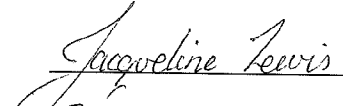
*ASSIGNEE* hereby accepts and receives this **ASSIGNMENT**.

Signed on behalf of the *ASSIGNEE*:

  
\_\_\_\_\_  
Kashyap Chandrasekar  
*RTC Project Center Manager for  
Crown Equipment Limited*

  
\_\_\_\_\_  
Date

Signed in the presence of:

Signature:   
Name: JACQUELINE LEWIS  
Date: 7/3/2018