

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3034963

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KENNETH HARTMANN ANDREASEN	09/09/2014
JONATHAN DAVID DEAGLE	09/09/2014
BRADLEY EDWARD WILLIAMS	09/09/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PACIFIC RIM ENGINEERED PRODUCTS (1987) LTD.
<b>Street Address:</b>	9445 - 195TH STREET
<b>City:</b>	SURREY
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V4N 4G3
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14387527
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(604)681-4081
<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>	(604)669-3432
<b>Email:</b>	GNMdocket@patentable.com
<b>Correspondent Name:</b>	OYEN WIGGS GREEN & MUTALA LLP
<b>Address Line 1:</b>	480 - THE STATION, 601 W. CORDOVA ST.
<b>Address Line 4:</b>	VANCOUVER, CANADA V6B 1G1
<b>ATTORNEY DOCKET NUMBER:</b>	P525 0007/GNM
<b>NAME OF SUBMITTER:</b>	GAVIN N. MANNING
<b>SIGNATURE:</b>	/GavinNManning/
<b>DATE SIGNED:</b>	09/23/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	
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**ASSIGNMENT OF INVENTIONS AND RELATED PATENT RIGHTS**

WHEREAS THE FOLLOWING PERSON OR PERSONS:

**Kenneth Hartmann Andreasen**  
8277 114 Street  
Delta, British Columbia  
V4C 5J5  
Canada

**Jonathan David Deagle**  
2761 East 7th Avenue  
Vancouver, British Columbia  
VM5 1T8  
Canada

**Bradley Edward Williams**  
#3- 4788 57th Street  
Ladner, British Columbia  
V4K 3C9  
Canada

each, an Assignor, whose full post office address is set out above, is the inventor of certain inventions or improvements (the "Inventions") described and/or claimed in:

- United States Provisional Patent Application No. 61/614999 entitled **DUAL CLUTCH TYPE POWER TRANSMISSION WITH ALTERNATIVE TORQUE TRANSMISSION PATH PROVIDING ALTERNATIVE RATIOS** filed on 23 March 2012; and,
- PCT International Patent Application No. PCT/CA2013/050236 entitled **DUAL CLUTCH TYPE POWER TRANSMISSION WITH ALTERNATIVE TORQUE TRANSMISSION PATH PROVIDING ALTERNATIVE RATIOS** filed on 22 March 2013 (the "Application(s)");

AND WHEREAS, Pacific Rim Engineered Products (1987) Ltd. (the "Assignee"), whose full post office address is 9445-195th Street, Surrey, British Columbia, V4N 4G3, Canada, wishes to own the entire worldwide right, title, and interest in and to: the Inventions, the Application(s), and all patents which may be granted on or as a result thereof in all countries;

In consideration of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each Assignor, does hereby, sell, assign, transfer, and set over to the Assignee the entire worldwide right, title, and interest in and to:

- the Inventions;
- the Application(s);
- all continuations, divisions, renewals of, or substitutes for the Application(s);
- the right to file counterparts to the Application(s) in all countries and regions;
- the right to claim priority from the Application(s) in all countries and regions;
- each and every additional application that claims any part of the Inventions;
- each and every additional application that is in any way based on or claims priority from or corresponds to the Application(s);
- all patents which may be granted on or as a result thereof; and
- any reissue or reissues of such patents;

the same to be held and enjoyed by the Assignee, its successors, assigns, nominees, or legal representatives, to the full end of the term or terms for which such patents respectively may be granted, reissued, or extended, as fully and entirely as the same would have been held and

enjoyed by the Assignor(s), had this Assignment, sale, and transfer not been made. If there are two or more Assignors, the sale, assignment, and transfer is made both jointly and severally.

Each Assignor hereby covenants that he or she: has full right to convey the entire interest herein assigned; has not encumbered the rights and properties transferred by this Assignment in any manner; has not executed and will not execute any agreement to transfer any rights in the Inventions and/or the Application(s) to anyone other than the Assignee; and has not executed and will not execute any agreement that is otherwise in conflict herewith.

Each Assignor promises that he or she shall:

- each time a request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to the Inventions, the Application(s), and the patents in the Assignee, its successors, assigns, nominees, or legal representatives;
- each time a request is made and without undue delay execute and deliver such additional papers the Assignee considers to be necessary or desirable for use in: prosecution of the applications; interference proceedings involving the applications or patents; oppositions involving the applications or patents; applications to reissue or re-examine the patents; or filing additional applications to protect the Inventions in any country;
- communicate to the Assignee, or its nominees, all known facts respecting the Inventions, the Application(s), and said patents and assist in the ascertainment of facts and the production of evidence relating to the Inventions, the applications, or the patents;
- testify in any legal proceedings;
- sign all lawful papers;
- execute all disclaimers and divisional, continuing, reissue, and foreign applications;
- make all rightful oaths; and
- generally to do everything possible to aid the Assignee, its successors, assigns, nominees, and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for the Inventions in all countries;

all at the expense, however, of the Assignee or its successors, assigns, nominees, or legal representatives.

Each Assignor hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents, and their successors, as his or her agents and attorneys-in-fact, to act on the Assignor(s)'s behalf and instead of the Assignor(s), to execute and file applications to patent the Inventions in all countries, and to do all other proper lawfully permitted acts to further the assignment, prosecution, and issuance of patents for the Inventions with the same legal force and effect as if executed by the Assignor(s). This power of attorney shall be deemed coupled with an interest and is irrevocable.

Each Assignor hereby authorizes and requests any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees, or legal representatives all patents for the Inventions in accordance with the terms of this Assignment.

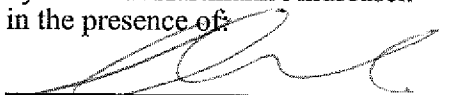
Declarations of Assignor(s) for United States

Each Assignor hereby declares that:

1. The above-identified Application(s) was made or authorized to be made by me;
2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application(s); and
3. I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

EXECUTED at Surrey, BC, Canada  
(city) (province/state) (country)  
this 9<sup>th</sup> day of Sept, 2014.  
(month)


SIGNED, SEALED & DELIVERED  
by Kenneth Hartmann Andreassen  
in the presence of:

  
Signature of Witness

Eric Poesch  
Print Witness's Name

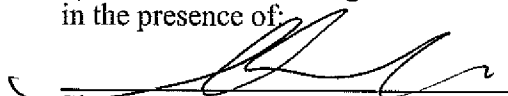
10690 297 A ST  
MAPLE RIDGE BC  
Print Witness's Address

Vice President Finance  
Print Witness's Occupation

  
Kenneth Hartmann Andreassen

EXECUTED at Surrey, BC, Canada  
this 9<sup>th</sup> day of Sept, 2014.  
(city) (province/state) (country)  
(month)

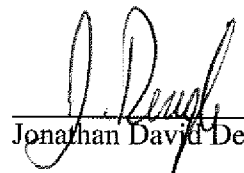
SIGNED, SEALED & DELIVERED  
by Jonathan David Deagle  
in the presence of:

  
Signature of Witness

Eric Porsch.  
Print Witness's Name

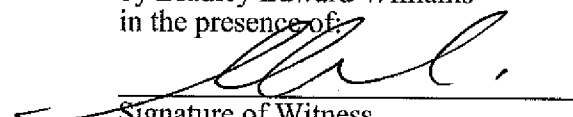
10690 247A ST.  
MAPLE RIDGE BC  
Print Witness's Address

Vice President Finance  
Print Witness's Occupation

  
Jonathan David Deagle

EXECUTED at Surrey, BC, Canada  
this 9<sup>th</sup> day of Sept, 2014.  
(city) (province/state) (country)  
(month)


SIGNED, SEALED & DELIVERED  
by Bradley Edward Williams  
in the presence of:

  
Signature of Witness

Eric Porsch.  
Print Witness's Name

10690 247A ST.  
MAPLE RIDGE BC  
Print Witness's Address

Vice President Finance.  
Print Witness's Occupation

  
Bradley Edward Williams