

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4194553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PATRICK R. DERKACZ	06/10/2014
AARON WILLIAM LOGAN	06/10/2014
JUSTIN C. LOGAN	06/10/2014
RECEIVING PARTY DATA	
Name:	EVOLUTION ENGINEERING INC.
Street Address:	#2 - 1460 28TH STREET
City:	CALGARY
State/Country:	CANADA
Postal Code:	T2A 7W6
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15320294
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	jkwok@patentable.com
Correspondent Name:	OYEN WIGGS GREEN & MUTALA LLP
Address Line 1:	480 - THE STATION, 601 WEST CORDOVA STREET
Address Line 4:	VANCOUVER, CANADA V6B 1G1
ATTORNEY DOCKET NUMBER:	E332 0223/GNM
NAME OF SUBMITTER:	GAVIN N. MANNING
SIGNATURE:	/GavinNManning/
DATE SIGNED:	12/20/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4	
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ASSIGNMENT OF INVENTIONS AND RELATED PATENT RIGHTS

WHEREAS THE FOLLOWING PERSON OR PERSONS:

Patrick R. DERKACZ
2014 25th Street SW
Calgary, Alberta, T3E 1X2
Canada

Aaron William LOGAN
48 Slocan Road SW
Calgary, Alberta, T2W 0S8
Canada

Justin C. LOGAN
#301, 1441 23rd Avenue SW
Calgary, Alberta, T2T 0T6
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 Patent Application No. 62/014450 filed on 19 June 2014 and entitled **METHODS AND APPARATUS FOR MONITORING FORMATION PROPERTIES** (the "Application(s)" – Oyen Wiggs Green & Mutala LLP File No. E332 0054/GNM; Oyen Wiggs Green & Mutala is hereby authorized to complete the Assignment with the application number(s) and filing date(s), when available);

AND WHEREAS, Evolution Engineering Inc. (the "Assignee"), whose full post office address is #2, 1460 28 Street NE, Calgary, Alberta, T2A 7W6, 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 Calgary Alberta
(city) (province/state)

Canada this 10 day of June, 2014.
(country) (month)

SIGNED, SEALED & DELIVERED)
 by Patrick R. DERKACZ)
 in the presence of:)

Jeff W. Bright)
 Signature of Witness)

Jeff W. Bright)
 Print Witness's Name)

1460 28 Street NE)
Calgary, Alberta, T2A 7W6)
 Print Witness's Address)

Barrister & Solicitor)
 Print Witness's Occupation)

Patrick R. DERKACZ

EXECUTED at Calgary AB
(city) (province/state)

Canada this 10 day of June, 2014.
(country) (month)

SIGNED, SEALED & DELIVERED
by **Aaron William LOGAN**
in the presence of:

Jeff W. Bright
Signature of Witness

Jeff W. Bright
Print Witness's Name

1460 28 Street NE
Calgary, Alberta, T2A 7W6
Print Witness's Address

Barrister & Solicitor
Print Witness's Occupation

Aaron William LOGAN


EXECUTED at Calgary AB
(city) (province/state)

Canada this 10 day of June, 2014.
(country) (month)

SIGNED, SEALED & DELIVERED
by **Justin C. LOGAN**
in the presence of:

Jeff W. Bright
Signature of Witness

Jeff W. Bright
Print Witness's Name

1460 28 Street NE
Calgary, Alberta, T2A 7W6
Print Witness's Address

Barrister & Solicitor
Print Witness's Occupation

Justin C. LOGAN
