

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4191495

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KURTIS WEST	05/26/2015
JILI (JERRY) LIU	05/26/2015
BARRY D. BUTERNOWSKY	05/26/2015
RECEIVING PARTY DATA	
Name:	EVOLUTION ENGINEERING INC.
Street Address:	#2, 1460 28TH STREET NE
City:	CALGARY, AB
State/Country:	CANADA
Postal Code:	T2A 7W6
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15320014
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	(604)669-3432
Email:	gkuroyama@patentable.com
Correspondent Name:	OYEN WIGGS GREEN & MUTALA LLP
Address Line 1:	480 - THE STATION, 601 W. CORDOVA ST.
Address Line 4:	VANCOUVER, CANADA V6B 1G1
ATTORNEY DOCKET NUMBER:	E332 0217/GNM
NAME OF SUBMITTER:	GAVIN N. MANNING
SIGNATURE:	/GavinNManning/
DATE SIGNED:	12/19/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
source=Assignment - West-Buternowsky-Liu to Evolution Engineering (11790971x9EE5F)#page1.tif	
source=Assignment - West-Buternowsky-Liu to Evolution Engineering (11790971x9EE5F)#page2.tif	
source=Assignment - West-Buternowsky-Liu to Evolution Engineering (11790971x9EE5F)#page3.tif	

ASSIGNMENT OF INVENTIONS AND RELATED PATENT RIGHTS

WHEREAS THE FOLLOWING PERSON OR PERSONS:

Kurtis WEST
2203 - 5605 Henwood Street SW
Calgary, Alberta, T3E 7R2
Canada

Jili (Jerry) LIU
9 Chaparral Cove SE
Calgary, Alberta, T2X 3L4
Canada

Barry D. BUTERNOWSKY
18 Chapalina Terrace SE
Calgary, Alberta, T2X 3X1
Canada

each an Assignor, is the inventor or a co-inventor if more than one Assignor is named, of certain inventions or improvements (the "Invention(s)") described and/or claimed in PCT International Patent Application No. PCT/CA2015/050421 filed 8 May 2015 entitled **MWD SYSTEMS, METHODS AND APPARATUS** (the "Application(s)");

AND WHEREAS, **Evolution Engineering Inc.** (the "Assignee"), whose address is #2 - 1460 28th Street NE, Calgary, Alberta, T2A 7W6, Canada, wishes to own the entire worldwide right, title, and interest in and to: the Invention(s), 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 Invention(s);
- the Application(s);
- all national phase applications arising from 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 Invention(s);
- 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;
- any reissue or reissues of such patents;
- all causes of action and rights to bring suit for past, present, and future infringement thereof and all claims for and rights to collect damages, profits, and all other remedies and relief in respect thereof, including other compensation in respect of pre-grant activities; and
- all future improvements to the Invention(s);

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 Invention(s) 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 Invention(s), 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 Invention(s), the Application(s), and said patents and assist in the ascertainment of facts and the production of evidence relating to the Invention(s), the Application(s), 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 Invention(s) 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 Invention(s) 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,

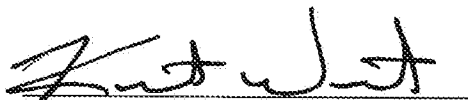
nominees, or legal representatives all patents for the Invention(s) in accordance with the terms of this Assignment.

Declarations of Assignor(s) for United States

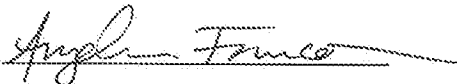
Each Assignor hereby declares that:

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, AB this 26th day of MAY 20 15


Kurtis WEST


Witnessed by:



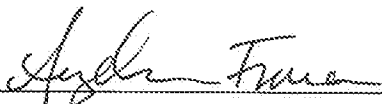
Printed Name:

Angelica J.B. Francoeur

EXECUTED at CALGARY, AB this 26th day of MAY 20 15


Jili (Jerry) LIU

Witnessed by:



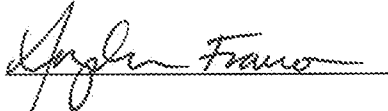
Printed Name:

Angelica J.B. Francoeur

EXECUTED at CALGARY, AB this 26th day of MAY 20 15


Barry D. BUTERNOWSKY

Witnessed by:



Printed Name:

Angelica J.B. Francoeur