

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4534659

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JILI LIU	08/22/2013
MINGDONG XU	08/22/2013
AARON W. LOGAN	08/22/2013
DAVID A. SWITZER	08/22/2013
MONICA E. VARGA	08/22/2013
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:	15668075
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 0273/GNM
NAME OF SUBMITTER:	GAVIN N. MANNING
SIGNATURE:	/GavinNManning/
DATE SIGNED:	08/03/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6	

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ASSIGNMENT OF INVENTIONS AND RELATED PATENT RIGHTS

WHEREAS THE FOLLOWING PERSON OR PERSONS:

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

Mingdong XU
87 Everstone Rise SW
Calgary, Alberta, T2Y 4J8
Canada

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

David A. SWITZER
28 Aspen Stone Court SW, Calgary,
Alberta, T3H 0L6
Canada

Monica E. VARGA
136 Langton Drive SW
Calgary, Alberta, T3E 5E9
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. 61/870968 filed on 28 August 2013 (Oyen Wiggs Green & Mutala LLP File No. N318 0023/GNM; Oyen Wiggs Green & Mutala LLP is hereby authorized to complete the Assignment with the application number and filing date, when available) entitled **OPTIMIZING ELECTROMAGNETIC TELEMETRY TRANSMISSIONS** (the "Application");

AND WHEREAS, Evolution Engineering Inc. (the "Assignee"), whose full post office address is Bay 2, 1480 - 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, 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;
- all continuations, divisions, renewals of, or substitutes for the Application;
- the right to file counterparts to the Application in all countries and regions;
- the right to claim priority from the Application 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;

- 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 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, 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, 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 23 day of August, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED)
by Jili (Jerry) Liu)
in the presence of:)

[Signature])
Signature of Witness)

[Signature])
Jili (Jerry) Liu)

Gilles Pelletier)
Print Witness's Name)

909 13th st Golden BC)
Print Witness's Address)

Material Manager)
Print Witness's Occupation)

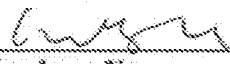
[Handwritten scribble]

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

Canada this 22 day of August, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED
by Mingdong Xu
in the presence of:


Signature of Witness


Mingdong Xu

Giles Pelletier
Print Witness's Name

909-13th St Golden Bc
Print Witness's Address

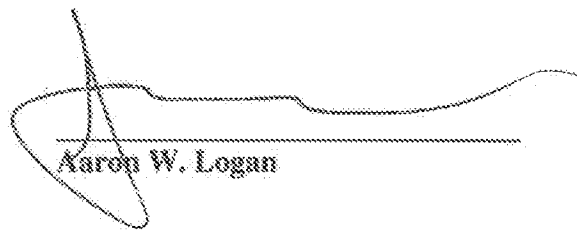
Managers Material
Print Witness's Occupation

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

Canada this 22 day of August, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED
by Aaron W. Logan
in the presence of:


Signature of Witness


Aaron W. Logan

Jenelle Conway
Print Witness's Name

515 Richard Rd SW
Calgary AB
Print Witness's Address

Communication
Print Witness's Occupation



EXECUTED at Houston Texas
(city) (province/state)

USA this 22 day of August, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED
by David A. Switzer
in the presence of:


Signature of Witness


David A. Switzer

Lorne Burrell
Print Witness's Name

2818 W Loop 250N Apt E303
Midland, TX 79705
Print Witness's Address

Operations Manager
Print Witness's Occupation

EXECUTED at _____
(city) (province/state)

_____ this ____ day of _____, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED
by Monica E. Varga
in the presence of:

Signature of Witness

Monica E. Varga

Print Witness's Name

Print Witness's Address

Print Witness's Occupation

EXECUTED at _____, _____
(city) (province/state)

_____ this ____ day of _____, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED)
by David A. Switzer)
in the presence of:)

Signature of Witness)

David A. Switzer)

Print Witness's Name)

Print Witness's Address)

Print Witness's Occupation)

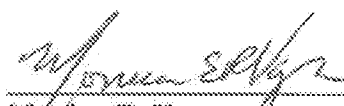
EXECUTED at Calgary, AB
(city) (province/state)

CANADA this 22 day of August, 2013.
(country) (month)

SIGNED, SEALED & DELIVERED)
by Monica E. Varga)
in the presence of:)



Signature of Witness)



Monica E. Varga)

Gilles Pelletier

Print Witness's Name)

707-13th St. Golden BC

Print Witness's Address)

Materials Manager

Print Witness's Occupation)

