

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID A. SWITZER	02/22/2013
JILI LIU	02/22/2013
AARON W. LOGAN	02/22/2013
MINGDONG XU	02/22/2013
RECEIVING PARTY DATA	
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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:	15674088
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NAME OF SUBMITTER:	GAVIN N. MANNING
SIGNATURE:	/GavinNManning/
DATE SIGNED:	08/10/2017
Total Attachments: 3	
source=Assignment - inventors to Evolution Engineering (12025672x9EE5F)#page1.tif	
source=Assignment - inventors to Evolution Engineering (12025672x9EE5F)#page2.tif	
source=Assignment - inventors to Evolution Engineering (12025672x9EE5F)#page3.tif	

ASSIGNMENT

WHEREAS, WE: **David A. Switzer** of 28 Aspen Stone Court SW, Calgary, Alberta T3H 0L6 and **Jill (Jerry) Liu** of 9 Chaparral Cove SE, Calgary, Alberta T2X 3L4 and **Aaron W. Logan** of 48 Slocan Road SW, Calgary, Alberta T2W 0S8 and **Mingdong Xu** of 87 Everstone Rise SW, Calgary, Alberta T2Y 4J8 have invented an invention entitled: **Downhole Electromagnetic and Mud Pulse Telemetry Apparatus** ("Invention"), for which an application for Letters Patent will be made in the United States Patent and Trademark Office on 2-25-2013 under serial No. 61/769,033 :

WHEREAS, **Evolution Engineering Inc.** (hereinafter referred to as "ASSIGNEE") having a place of business at Bay 2, 1480 28 Street NE, Calgary, Alberta T2A 7W6 is desirous of acquiring and having assigned to it the full right, title and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS WE have agreed to make such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, hereby sell, assign and transfer absolutely to the ASSIGNEE the full and exclusive right, title and interest in and to: (a) the Invention worldwide; (b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-part, provisionals, non-provisionals, substitutions and renewals thereof; (c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

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WE hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, WE agree that WE will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisionals, continuations, continuations-in-part, extensions, renewals, provisionals, non-provisionals or substitutes thereof, and the Letters Patent including any renewal, re-examination, extension and reissue thereof, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of Gowling Lafleur Henderson LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

EXECUTED at Calgary, Alberta, Canada, this 22nd
day of February, 2013.

Witness:

Inventor:

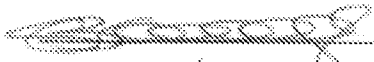

Print Name: Lonelle Cooney


David A. Switzer

EXECUTED at Calgary, Alberta, Canada this 22nd
day of February, 2013.

Witness:

Inventor:


Print Name: Janelle Corneil

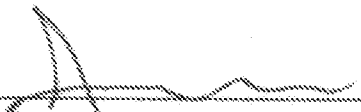

Jili (Jerry) Liu

EXECUTED at Calgary, Alberta, Canada this 22
day of February, 2013.

Witness:

Inventor:

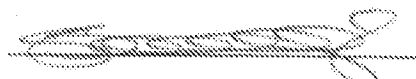

Print Name: Janelle Corneil

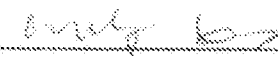

Aaron W. Logan

EXECUTED at Calgary, Alberta, Canada this 22nd
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Witness:

Inventor:


Print Name: Janelle Corneil


Mingdong Xu

