504923010 05/21/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLOW ZHU LIU	04/29/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14699523

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ATTORNEY DOCKET NUMBER:	PAT 82317-2	
NAME OF SUBMITTER:	TRISHA WILLIAMS	
SIGNATURE:	/Trisha Williams/	
DATE SIGNED:	05/21/2018	

Total Attachments: 2

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PATENT 504923010 REEL: 046191 FRAME: 0462

ASSIGNMENT

l:

Willow Zhu LIU, of 15 Eagle Ridge Place, Calgary, Alberta, T2V 2V9, CANADA

for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, confirm that effective at least as early as **April 29, 2015** I do sell and assign to:

MEDENG Research Institute Ltd. 7032 Farrell Road SE Calgary, Alberta, T2H 0T2 CANADA

all my right, title and interest in the United States of America, Canada, and all countries foreign thereto, in and to the invention disclosed in U.S. Patent Application No. 14/699,523 filed April 29, 2015, relating to, and entitled:

PIPELINE LEAK DETECTION SYSTEM

and to any application for patent claiming priority therefrom, and to all my corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the above application.

I authorize the firm of Borden Ladner Gervais LLP to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

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Willow Zhu LIU	Witness:
Executed at <u>ALGARY</u>	I, <u>(AN SAT/C)</u> (ANSEE) Print Name
City Province/State, Country This day of	whose full post office address is 7032 FG012/L Rood &E Colpany Ab Compto T2 N DT2
Dey Month Year	was personally present and did see Willow Zhu LIU execute the within assignment and such assignor is personally known to me.
Signature	Signature

MEDENG Research Institute Ltd.	Witness:
Executed at All City	I, AN SONG (ANSER) Print Name
Province/State, Country	whose full post office address is 1/5.
This day of,	Colgary, AB Compar TON 072
by: ALAIN) DANDURAU	was personally present and did see
Print Name	Name
Title: ////////////////////////////////////	execute the within assignment and such representative is personally known to me.
Signature	Signature
al@rigital.c	Signature

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RECORDED: 05/21/2018

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