502166978 12/18/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	06/30/2010	

CONVEYING PARTY DATA

Name	Execution Date
Ronald W. Innes	08/09/2010
Daniel P. Teeuwsen	08/09/2010
Dustyn J.L. Elford	08/09/2010
John T. Hackett	08/09/2010
Mark Gurnett	08/09/2010
Tan N. Nguyen	08/09/2010
Donald B. Grass	08/09/2010

RECEIVING PARTY DATA

Name:	ARL TECHNOLOGIES INC.				
Street Address:	5603 - 54 Street N.W.				
City:	Edmonton, Alberta				
State/Country:	CANADA				
Postal Code:	T6B 3G8				

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13805086

CORRESPONDENCE DATA

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PATENT
REEL: 029490 FRAME: 0458

P \$40.00 1380508

ATTORNEY DOCKET NUMBER:	RR-779 PCT/US (16424-26)
NAME OF SUBMITTER:	Charles Rodman
Total Attachments: 12 source=1208-42Assignment#page1.tif source=1208-42Assignment#page2.tif source=1208-42Assignment#page3.tif source=1208-42Assignment#page4.tif source=1208-42Assignment#page5.tif source=1208-42Assignment#page6.tif source=1208-42Assignment#page7.tif source=1208-42Assignment#page8.tif source=1208-42Assignment#page9.tif source=1208-42Assignment#page10.tif source=1208-42Assignment#page11.tif source=1208-42Assignment#page12.tif	

PATENT REEL: 029490 FRAME: 0459

ASSIGNMENT OF INVENTION

We, the undersigned:

RONALD W. INNES

10727 – 59 Avenue N.W. Edmonton, Alberta T6H 1E8 Canada

DANIEL P. TEEUWSEN

7707 – 106A Avenue N.W. Edmonton, Alberta T6A 1K5 Canada

DUSTYN J.L. ELFORD

309 Foxboro Crescent Sherwood Park, Alberta T8A 6M4 Canada

JOHN T. HACKETT

4207 – 47 Avenue Beaumont, Alberta T4X 1H1 Canada

MARK GURNETT

#205, 51107 RR221 Sherwood Park, Alberta T8E 1G8 Canada

TAN N. NGUYEN

1203 – 54 Street N.W. Edmonton, Alberta T6L 6J7 Canada DONALD B. GRASS

2663 Anderson Crescent Edmonton, Alberta

T6E 1Y2

Canada

(hereinafter referred to as the "Inventors") have made an invention entitled:

REMOTELY OPERABLE UNDERWATER DRILLING

SYSTEM AND DRILLING METHOD

as set forth and described in an International Application for Letters Patent pursuant to the

Patent Cooperation Treaty having the serial number PCT/CA2010/001024 and the international

filing date of June 30, 2010;

(hereinafter referred to as the "Invention").

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency

of which are hereby acknowledged, we do hereby irrevocably assign, grant, sell, convey,

transfer and make over unto the following:

MARL TECHNOLOGIES INC.

5603 – 54 Street N.W.

Edmonton, Alberta

T6B 3G8

Canada

our entire right, title and interest in and to the Invention, the PCT International Application

listed herein, any and all other applications for Letters Patent for the Invention filed or to be

filed in any country worldwide, including any and all applications for Letters Patent arising

from or related to the Invention or the above listed application for Letters Patent and any and all

divisional or continuation applications thereof, and any and all patents issued and which may be

issued or re-issued for the Invention in any country worldwide, together with the right to claim

in respect of any country worldwide, any of the priority dates of the above listed application for

Letters Patent or any other applications for Letters Patent for the Invention filed in any country

worldwide.

- 2 -

PATENT

REEL: 029490 FRAME: 0461

This Assignment shall enure to the benefit of and be binding upon the Inventors and MARL Technologies Inc. and their respective heirs, executors, administrators, successors and assigns.

sealed at Augus	IN WITNESS WHEREOF I have caused this Assignment to be signed and Edmonton., Alberta, Canada, this 9 day of , 2010.	
in the presence	ALED AND DELIVERED See of: RONALD W. INNES	
sealed at August	IN WITNESS WHEREOF I have caused this Assignment to be signed and <u>FdMonton</u> , Alberta, Canada, this <u>9</u> day of, 2010.	
SIGNED, SE, in the presence	ALED AND DELIVERED ce of: DANIEL P. TEEUWSEN	
sealed at Augu	IN WITNESS WHEREOF I have caused this Assignment to be signed and Famonton, Alberta, Canada, this day of, 2010.	
SIGNED, SE in the presence	ALED AND DELIVERED be of: DUSTYN J.L. ELFORD	

- 3 -

sealed at Edmon	S WHEREOF I have have, Alberta, 2010.		Assignment to be this	signed and day of
SIGNED, SEALED AND D in the presence of: (Witness)	ELIVERED	JOHN T. HA	ØKETT	<i></i>
sealed at Edmonti	S WHEREOF I have Alberta, 2010.		Assignment to be	signed and day of
SIGNED, SEALED AND D in the presence of: (Witness)	elivered Juseus	Men/ A. MARK GUR	<i>ruel</i> NETT	
sealed at Edmont	S WHEREOF I have <u>ÒY\</u> , Alberta, 2010.		Assignment to be this	signed and day of
SIGNED, SEALED AND DI in the presence of:	ELIVERED Mensen	Q.	Yali-	

- 4 -

	IN WITN	ESS WHERE	OF I have	caused this	Assign	ment to be	signed	and
sealed at	Edmo	nton,	Alberta,	Canada,	this	<u>9.</u>	day	of
_ Augu	st	, 2010.						
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SIGNED, SE	ALED AND	DELIVERED)					
in the presence		1	_					
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(Witness)	<i> </i>	Jones		DONALD I	3. GRAS	SS		

PROVINCE O	CANADA OF ALBERTA)	I, of the City of <u>Ensurew</u> in the Province of Alberta
	TO WIT:)	Make oath and say:
1.	That I was perso	nall	ly present and did see RONALD W. INNES named in the
within instrum	nent, who is perso	onal	ly known to me to be the person named therein, duly sign,
seal and execu	te the same for the	e pu	rpose named therein.
2.	That the same wa	as e	xecuted at the City of <u>Former</u> in the Province of
Alberta, and th	nat I am the subsc	ribir	ng witness thereto.
3.	That I know the	said	RONALD W. INNES who is in my belief of the full age of
eighteen years			
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	re me at		witen.
day of AU	e of Alberta this _ A.D. 2010	<u>↓</u> ≲)
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	1/2/-		} Juny L. Dowers
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	CANADA)	I,
PROVINCE O	OF ALBERTA)	of the City of Epigentee in the Province of
	TO WIT:)	Alberta Make oath and say:
1.	That I was perso	onal	ly present and did see DANIEL P. TEEUWSEN named in
the within ins			onally known to me to be the person named therein, duly
		•	the purpose named therein.
<i>C</i> ,			
2.	That the same w	as e	xecuted at the City of <u>Edmand</u> in the Province of
Alberta, and th			ng witness thereto.
3.	That I know the	sai	d DANIEL P. TEEUWSEN who is in my belief of the full
age of eightee	n years.		·
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in the Province	e of Alberta this _	13	j
day of/	<u>vsr</u> A.D. 2010		
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	CANADA)	I,
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	то шт.	`	Alberta Melso coth and cons
	TO WIT:)	Make oath and say:
1.	That I was person	onal	y present and did see DUSTYN J.L. ELFORD named in the
within instrun	nent, who is pers	ona	lly known to me to be the person named therein, duly sign,
seal and execu	ite the same for th	he p	urpose named therein.
2.	That the same v	vas e	executed at the City of Edminton in the Province of
Alberta, and the	hat I am the subsc	eribi	ng witness thereto.
3.	That I know the	said	DUSTYN J.L. ELFORD who is in my belief of the full age
of eighteen ye	ars.		
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	e of Alberta this	13	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
day of Avou	A.D. 2010		ý
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	IONER FOR OA PROVINCE OF A		
_	HAID G- MA		
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PROVINCE O	CANADA OF ALBERTA TO WIT:)	I, of the City of Edmonton in the Province of Alberta Make oath and say:
	nent, who is perso	onal	By present and did see JOHN T. HACKETT named in the By known to me to be the person named therein, duly sign, arpose named therein.
2. Alberta, and the			executed at the City of Edmonton in the Province of any witness thereto.
3. eighteen years		said	I JOHN T. HACKETT who is in my belief of the full age of
A COMMISSI FOR THE F	re me at	THS LB	SIN AND Witness ERTA 2. Something of the state of the st

	CANADA)	I,							
PROVINCE (OF ALBERTA)	of the City of Edmonton in the Province of							
	TO WIT:	`	Alberta Make oath and say:							
	10 WII.	,	Make bath and say:							
1.	That I was pers	sona	illy present and did see MARK GURNETT named in the							
within instrun	nent, who is pers	sonal	lly known to me to be the person named therein, duly sign,							
seal and execu	ite the same for th	he pu	urpose named therein.							
2.	That the same w	vas e	executed at the City of Edmonton in the Province of							
Alberta, and th	hat I am the subsc	cribi	ng witness thereto.							
3.	That I know the said MARK GURNETT who is in my belief of the full age of									
eighteen years	5.									
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in the Province	e of Alberta this	/3)							
day of HUG C	<u> は r</u> A.D. 2010)							
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FOR THE I	PROVINCE OF A	ALB	ERTA							
	ro GMCK									
/ !->	PIAN OCTI	12,2	2011							

PROVINCE O	CANADA OF ALBERTA) I,) of the City of Edmonton in the Province of Alberta
	TO WIT:) Make oath and say:
1.		onally present and did see TAN N. NGUYEN named in the onally known to me to be the person named therein, duly sign,
		e purpose named therein.
2. Alberta, and the		as executed at the City of <u>Edmonton</u> in the Province of ribing witness thereto.
3.	That I know the	said TAN N. NGUYEN who is in my belief of the full age of
eighteen years	, ,	
in the Provinc	re me at <u>ED F</u> e of Alberta this <u>JS F</u> A.D. 2010	<u>CW TOW</u>) 13)
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PROVINCE	OF ALBERTA)	of the City Alberta	of of	Edmonton in	the Province of					
	TO WIT:)	Make oath a	nd sa	ıv.						
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1.	That I was ners	ona¹	lv present an	d did	I see DONALD R. GI	RASS named in the					
	That I was personally present and did see DONALD B. GRASS named in the ament, who is personally known to me to be the person named therein, duly sign,										
					-	1 therein, duly sign,					
seal and execu	ite the same for th	ne pi	urpose named	there	ein.						
2.	That the same v	vas e	executed at the	e Cit	y of Edmonton	in the Province of					
Alberta and th	hat I am the subse										
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3.	That I know the	said	I DONALD B	i. GR	ASS who is in my bel	ief of the full age of					
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