

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6311578

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S ZIP CODE previously recorded on Reel 053763 Frame 0301. Assignor(s) hereby confirms the ASSIGNEE'S CORRECT ZIP CODE SHOULD BE: T2E 6Y4.
CONVEYING PARTY DATA	
Name	Execution Date
XIAOJUN XIAO	08/01/2018
JOHN-PETER VAN ZELM	08/02/2018
JOHN GODFREY MCRORY	08/02/2018
RECEIVING PARTY DATA	
Name:	XACT DOWNHOLE TELEMETRY INC.
Street Address:	906 55TH AVENUE NE.
City:	CALGARY, ALBERTA
State/Country:	CANADA
Postal Code:	T2E 6Y4
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16861680
CORRESPONDENCE DATA	
Fax Number:	(860)286-0115
<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>	
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP
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Address Line 2:	22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103-3207
ATTORNEY DOCKET NUMBER:	DHT502073US4/BAO1870USD
NAME OF SUBMITTER:	MARK F. SAMEK
SIGNATURE:	/Mark F. Samek/
DATE SIGNED:	09/22/2020
Total Attachments: 6	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>XIAOJUN XIAO</td><td>08/01/2018</td></tr><tr><td>JOHN-PETER VAN ZELM</td><td>08/02/2018</td></tr><tr><td>JOHN GODFREY MCRORY</td><td>08/02/2018</td></tr></tbody></table>	Name	Execution Date	XIAOJUN XIAO	08/01/2018	JOHN-PETER VAN ZELM	08/02/2018	JOHN GODFREY MCRORY	08/02/2018			
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PATENT

CORRESPONDENCE DATA

Fax Number: (860)286-0115
Email: usptopatentmail@cantorcolburn.com
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Correspondent Name: CANTOR COLBURN LLP
Address Line 1: 20 CHURCH ST
Address Line 2: 22ND FLOOR
Address Line 4: HARTFORD, CONNECTICUT 06103-3207

**ATTORNEY DOCKET
NUMBER:**

DHT5-02073-US4/BAO1870USD

NAME OF SUBMITTER:

MARK F. SAMEK

Signature:

/Mark F. Samek/

Date:

09/14/2020

Total Attachments: 4

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RECEIPT INFORMATION

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Receipt Date: 09/14/2020

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PATENT

ASSIGNMENT

WHEREAS, Xiaojun Xiao of 81 Scripps Landing NW, Calgary, Alberta T3L 1W2, Canada; John-Peter van Zelm of 5608 Benner Crescent NW, Calgary, Alberta, T2L 1Z4, Canada; and John Godfrey McRory of 722 4 Street SW, Calgary, Alberta, T2N 1P2, Canada ("ASSIGNORS") have invented an invention, (the "Invention") for which the following patent and/or utility model application have been filed:

International Patent Application No. PCT/CA2017/051219, filed on October 13, 2017, and entitled **METHOD AND APPARATUS FOR PRE-LOADING A PIEZOELECTRIC TRANSDUCER FOR DOWNHOLE ACOUSTIC COMMUNICATION;**

AND WHEREAS, XACT Downhole Telemetry Inc. having a place of business at 906 55th Avenue NE., Calgary, Alberta, T2E 6Y4, Canada ("ASSIGNEE") are desirous of confirming that ASSIGNEE have acquired and had assigned to ASSIGNEE, and by way of further assurances are desirous of acquiring and having assigned to ASSIGNEE, the full right, title, and interest of ASSIGNORS in and to the Invention and in and to any and all applications and/or Letters Patent that may be granted therefor in any and all countries and jurisdictions.

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 ASSIGNOR(S) hereby acknowledge, ASSIGNORS confirm having sold, assigned, and transferred absolutely, at least as of October 13, 2017, and by way of further assurances do hereby sell, assign, and transfer absolutely, to ASSIGNEE the full and exclusive right, title, and interest of ASSIGNORS in and to:

- (a) the Invention worldwide;
- (b) any and all patent and utility model 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 (collectively, the "Patent Applications");
- (c) any and all Letters Patent that may be granted for the Patent Applications in any and all countries and jurisdictions, including without limitation any renewals, reissues, re-examinations, and/or extensions thereof (collectively, the "Letters Patent"); and
- (d) the exclusive right to bring or participate in any proceeding for past, present or future infringement or any other actionable right under any or 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 ASSIGNORS had this Assignment not been made;

(collectively, the "Patent Rights").

ASSIGNORS authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to ASSIGNEE or successors or assigns of ASSIGNEE.

ASSIGNORS represent that ASSIGNORS have not executed any agreement or assignment in conflict with this Assignment. Furthermore, ASSIGNORS shall not execute any agreement or assignment in conflict with this Assignment.

ASSIGNORS shall, each time upon request by ASSIGNEE or legal representatives, successors, nominees or assigns of ASSIGNEE, without delay and without further consideration, but at the expense of ASSIGNEE: communicate to ASSIGNEE or legal representatives, successors, nominees or assigns of ASSIGNEE any facts known to ASSIGNORS respecting the Patent Rights; testify in any legal proceeding; sign all lawful papers; execute all papers relating to any and all of the Patent Applications and the Letters Patent; execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to ASSIGNEE or successors or assigns of ASSIGNEE; make all rightful oaths; and generally do everything possible to aid ASSIGNEE or legal representatives, successors, nominees or assigns of ASSIGNEE to obtain, vest, register, record, confirm, maintain, perfect, prove, enforce and/or defend the Patent Rights in any and all countries and jurisdictions.

ASSIGNORS and ASSIGNEE authorize the firm of Gowling WLG (Canada) 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.

ASSIGNORS and ASSIGNEE agree that: this Assignment may be executed and delivered in any number of counterparts and each executed counterpart shall be deemed to be an original and such counterparts will together constitute one and the same Assignment; and delivery of this Assignment by facsimile, e-mail, or functionally equivalent electronic transmission constitutes valid and effective delivery.

Execution by ASSIGNORS:

By: Xiaojun Xiao
(Signature)

Name: Xiaojun Xiao

Job Title*: Technical Advisor

(*Include when signing for company and be more specific than "Authorized Representative")

Date: Aug 1st, 2018

At: Calgary, AB, Canada
(City and Country where Executed and Witnessed)

WITNESS:

By: [Signature]
(Signature)

Name: MIKE CLAGGETT

Execution by ASSIGNORS:

By: [Signature]
(Signature)

Name: John-Peter van Zelm

Job Title*: CTO + VP Eng

(*Include when signing for company and be more specific than "Authorized Representative")

Date: Aug 2/18

At: Calgary Canada
(City and Country where Executed and Witnessed)

WITNESS:

By: [Signature]
(Signature)

Name: Mike CLAGGETT

Execution by ASSIGNORS:

By: [Signature]
(Signature)

Name: John Godfrey McRory

Job Title*: _____

(*Include when signing for company and be more specific than "Authorized Representative")

Date: 8/2/2018

At: Calgary
(City and Country where Executed and Witnessed)

WITNESS:

By: [Signature]
(Signature)

Name: Mike CLAGGETT

Execution by ASSIGNEE:

By: [Signature]
(Signature)

Name: XACT Downhole Telemetry Inc.

Job Title*: CTO & VP Eng
(*Include when signing for company and be more specific than "Authorized Representative")

Date: Aug 3/18

At: Calgary, Canada
(City and Country where Executed and Witnessed)

WITNESS:

By: [Signature]
(Signature)

Name: MIKE CLAGGETT