

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5609291

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MITCHELL A. WINNIK	06/22/2015
MARK NITZ	06/22/2015
VLADIMIR BARANOV	07/02/2015
XUDONG LOU	11/19/2015
RECEIVING PARTY DATA	
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Street Address:	1380 RODICK ROAD
Internal Address:	SUITE 400
City:	MARKHAM
State/Country:	CANADA
Postal Code:	L3R 4G5
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16506243
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Address Line 1:	TWO EMBARCADERO CENTER
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Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	085665-1147964-D00550US
NAME OF SUBMITTER:	CHRISTINE ROGERS
SIGNATURE:	/Christine Rogers/
DATE SIGNED:	07/09/2019
Total Attachments: 5	

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ASSIGNMENT
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

“POLYMER BACKBONE ELEMENT TAGS,”

filed with the U.S. Patent & Trademark Office on March 16, 2015

and assigned serial no. 14/659,224

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:


1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to **Fluidigm Canada Inc.**, having a principal place of business at 70 Esna Park Drive, Markham, Ontario, L3R 6E7, Canada (“Assignee”), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

ASSIGNMENT

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- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside my signature.

Signature: 
Mitchell A. Winnik

Date: June 22, 2015

Signature: _____
Mark Nitz

Date: _____

Signature: _____
Vladimir Baranov

Date: _____

Signature: _____
Xudong Lou

Date: _____

ASSIGNMENT

Page 2 of 2

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Signed on the dates indicated beside my signature.

Signature: _____

Mitchell A. Winnik

Date: _____

Signature: _____

Mark Nitz

Date: June 22, 2015

Signature: _____

Vladimir Baranov

Date: _____

Signature: _____

Xudong Lou

Date: _____

ASSIGNMENT

Page 2 of 2

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Signed on the dates indicated beside my signature.

Signature: _____

Mitchell A. Winnik

Date: _____

Signature: _____

Mark Nitz

Date: _____

Signature: _____

Vladimir Baranov

Date: 2-July-2005

Signature: _____

Xudong Lou

Date: _____

ASSIGNMENT

Page 2 of 2

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Signed on the dates indicated beside my signature.

Signature: _____
Mitchell A. Winnik

Date: _____

Signature: _____
Mark Nitz

Date: _____

Signature: _____
Vladimir Baranov

Date: _____

Signature: *Xudong Lou*
Xudong Lou

Date: Mar 19, 2015