

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3174969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTHONY D. KEEFE	01/07/2015
MATTHEW A. CLARK	01/07/2015
ALEXANDER LITOVCHICK	01/07/2015
RECEIVING PARTY DATA	
Name:	X-CHEM, INC.
Street Address:	100 BEAVER STREET, SUITE 101
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02453
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61671406
PCT Number:	US2013050303
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	50719-021WO2/US1
NAME OF SUBMITTER:	KAREN L. ELBING, PH.D.
SIGNATURE:	/Karen L. Elbing, Ph.D./
DATE SIGNED:	01/08/2015
Total Attachments: 2	
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source=Executed Assignment#page2.tif	

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Anthony D. Keefe	Cambridge	Massachusetts
Matthew A. Clark	Lexington	Massachusetts
Alexander Litovchick	Sudbury	Massachusetts


hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
X-Chem, Inc.	Delaware	100 Beaver Street Suite 101 Waltham, MA 02453

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
DNA-ENCODED LIBRARIES HAVING ENCODING OLIGONUCLEOTIDE LINKAGES NOT READABLE BY POLYMERASES	July 13, 2012	61/671,406
DNA-ENCODED LIBRARIES HAVING ENCODING OLIGONUCLEOTIDE LINKAGES NOT READABLE BY POLYMERASES	July 12, 2013	PCT/US2013/050303

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.



Anthony D. Keefe

1/7/2015

Date

Witness

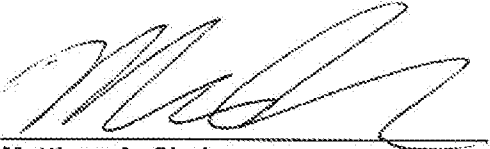

Signature

1/7/2015

Date

STEFFEN HELMLING

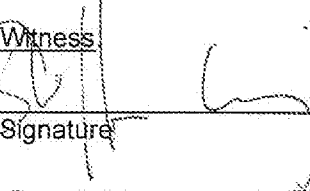
Printed name



Matthew A. Clark

1/7/2015

Date

Witness


Signature

1/7/2015

Date

STEFFEN HELMLING

Printed name



Alexander Litovchick

1/7/2015

Date

Witness:


Signature

1/7/2015

Date

STEFFEN HELMLING

Printed name