505274811 01/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ILKE AKARTUNA	07/13/2015
MARC W. KIRSCHNER	07/16/2015
ALLON M. KLEIN	07/17/2015
DAVID A. WEITZ	07/17/2015

RECEIVING PARTY DATA

Name:	President and Fellows of Harvard College	
Street Address:	17 Quincy Street	
City:	Cambridge	
State/Country:	MASSACHUSETTS	
Postal Code:	02138	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15991600	

CORRESPONDENCE DATA

Fax Number: (617)495-9568

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.

Phone: (617) 495-3067

Email: siobhan murphy@harvard.edu

Correspondent Name: KAREN SINCLAIR

Address Line 1: 1350 MASSACHUSETTS AVE

Address Line 2: HARVARD UNIVERSITY, OFFICE OF TECH. DEV.

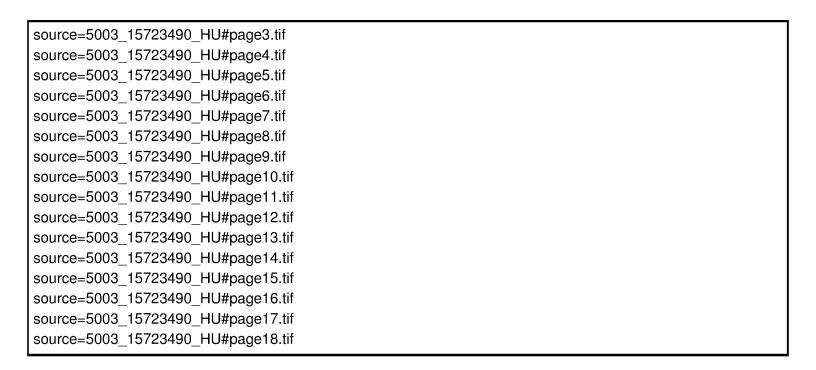
Address Line 4: CAMBRIDGE, MASSACHUSETTS 02138

ATTORNEY DOCKET NUMBER:	5003	
NAME OF SUBMITTER:	KAREN SINCLAIR	
SIGNATURE:	/K.S./	
DATE SIGNED:	01/11/2019	

Total Attachments: 18

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> **PATENT REEL: 047969 FRAME: 0120** 505274811



PATENT REEL: 047969 FRAME: 0121

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned:

David A. Weitz, Allon Moshe Klein, Ilke Akartuna and Marc W. Kirschner

(each hereafter "Assignor") hereby assign, sell, and transfer to:

President and Fellows of Harvard College 17 Quincy Street, Cambridge, Massachusetts 02138

(hereafter "Assignee"), its successors and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

SYSTEMS AND METHODS FOR BARCODING NUCLEIC ACIDS

described in International Patent Application No. PCT/US2015/026443, filed April 17, 2015 and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application on any of the inventions filed in the U.S. or any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest in the U.S. or any foreign country in and to any and all patents or reissues or extensions thereof to be obtained in the U.S. or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in the U.S. or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent or foreign patent; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assigner further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the

1

Patent Assignment HU Case No.: 5003 (Weitz) Appln. No.: PCT/US2015/026443

WGS File Nos.: H0498.70512WO00

foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors in the patent/application information provided above including but not limited to said application serial number(s) and filing date(s), prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

Inventor: David A. Weitz

Address: 213 Green Road

Bolton, Massachusetts 01740

Citizenship: US

Witness:

Name:

Courtney McDermott
57 Sunset Rd
Somerville, MA 02/44

Address:

Date

Inventor: Allon Moshe Klein
Address: 200 Longwood Avenue
Warren Alpert 536
Boston, Massachusetts 02115
Citizenship: Israel

Witness:

Date

Signature
Name:
Address:

Date

Inventor: Ilke Akartuna
Address: Oxford 9
Cambridge, Massachusetts 02138
Citizenship: Turkey

Witness:

Date

Signature
Name:
Address:

Date Inventor: Marc W. Kirschner
Address: 20 Gralynn Road
Newton, MA 02459
Citizenship: US

Witness:

Date Signature
Name:
Address:

Patent Assignment HU Case No.: 5003 (Weitz)

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PATENT REEL: 047969 FRAME: 0128

HU Case No.: 5003 (Weitz) Appln. No.: PCT/US2015/026443

WGS File Nos.: H0498.70512WO00

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Date
Inventor: David A. Weitz
Address: 213 Green Road
Bolton, Massachusetts 01740
Citizenship: US

Witness:

Date
Signature
Name:
Address:

HU Case No.: 5003 (Weitz) Appln. No.: PCT/US2015/026443 WGS File Nos.: H0498.70512WO00

7/17/2015

Inventor: Allon Moshe Klein

Address: 200 Longwood Avenue

Warren Alpert 536

Boston, Massachusetts 02115

Citizenship: Israel

Witness:

THELIS

Name:

Meghan VanOrden 14 Presidents Lane

Quincy, MA 02/69

Date
Inventor: Ilke Akartuna
Address: Oxford 9
Cambridge, Massachusetts 02138
Citizenship: Turkey

Witness:

Date
Signature
Name:

Address:

HU Case No.: 5003 (Weitz) Appln. No.: PCT/US2015/026443 WGS File Nos.: H0498.70512WO00

16,2015

Inventor: Marc W. Kirschner

Address: 20 Gralynn Road

Newton, MA 02459

Citizenship: US

Witness:

Name:

Address:

Meghan Van Orden 14 Presidents Lane Quincy, MA 02169

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Date	Inventor:	David A. Weitz
	Address:	213 Green Road
		Bolton, Massachusetts 01740
	Citizenship:	US
Witness:		
Date	Signature	
	Name:	
	Address	:

Date

Inventor: Allon Moshe Klein
Address: 200 Longwood Avenue
Warren Alpert 536
Boston, Massachusetts 02115
Citizenship: Israel

Witness:

Date

Signature
Name:
Address:

Patent Assignment

07/13/2015 Date

Inventor: Ilke Akartuna

Address: Oxford 9

Cambridge, Massachusetts 02138

Citizenship: Turkey

Witness:

07/13/2015 Date

ADRIAN PEGORARO Name:

Address:

Combridge, MA, 02138

Date

Inventor: Marc W. Kirschner
Address: 20 Gralynn Road
Newton, MA 02459
Citizenship: US

Witness:

Date

Signature
Name:
Address:

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PATENT REEL: 047969 FRAME: 0139

Patent Assignment