505112600 09/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5159361

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEREMY AGRESTI	01/13/2010
LIANG-YIN CHU	11/25/2009
DAVID A. WEITZ	11/30/2009
AMY ROWAR	12/08/2009
MORTEN SOMMER	11/30/2009
GAUTAM DANTAS	11/25/2009
JIN-WOONG KIM	12/15/2009
GEORGE CHURCH	01/08/2010

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:	15884215

CORRESPONDENCE DATA

Fax Number: (617)432-2788

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) 432-0454

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:	2915
NAME OF SUBMITTER:	KAREN SINCLAIR
SIGNATURE:	/K.S./

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DATE SIGNED:	09/25/2018
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PATENT REEL: 047154 FRAME: 0480

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to President and Fellows of Harvard College, a Massachusetts 1. non-profit corporation having a place of business at 17 Quincy Street; Cambridge, Massachusetts 02138. its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 4, 2009 under No. 12/529,926, bearing Attorney Docket No. H0498.70295US01, and entitled ASSAYS AND OTHER REACTIONS INVOLVING DROPLETS, and International Patent Application No.: PCT/US2008/003185 filed March 7, 2008, bearing Attorney Docket No.: H0498.70295WO00 and entitled ASSAYS AND OTHER REATIONS INVOLVING DROPLETS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Page 2 of 10

5-1-11-10070	· .		
Date /	inventor:	Jeremy Agresti	
	Address:	61 Plymouth Street	
		Apt. #3	
	·	Cambridge, Massachusetts	02141
•	Citizenship:	US	
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			•
	•		
		•	
STATE/COMMONWEA	ethor Calidayn	[h	
COUNTY OF A	imeda:		
On this	day of January, 20	10 , before me, the undersig	med notary public,
personally appeared	Jeremy Agresti	_, proved to me through satis	sfactory evidence of
identification, which wer			,
	gned the preceding or attached o		
	of the document are truthful and		
and belief and acknowle	edged to me that (he) (she) signe	ed it voluntarily for its stated p	ourpose.
	A		
SEAL	Michael Canvin		
	Notary Public		Marie Control
		, 16	√ð /

My commission expires:

Date	Inventor:	Liang-Yin Chu	
	Address:	School of Chemical Engineering	
	•	Sichuan University	
		Chengdu, 610065	
		PEOPLE'S REPUBLIC OF CHINA	
	Citizenship:	People's Republic of China	
Witness:	_ Date:		
Witness:	_ Date:		

Date		Inventor:	David A. Weitz
		Address:	213 Green Road
			Bolton, Massachusetts 01740
		Citizenship:	US
STATE/COMMONWE	ALTH OF	=	
COUNTY OF		•	
On this	_ day of		, before me, the undersigned notary public,
personally appeared			, proved to me through satisfactory evidence of
identification which w	ere		
to me that the content	ts of the o	document are truthful and	document in my presence and swore or affirmed daccurate to the best of (his) (her) knowledge led it voluntarily for its stated purpose.
SEAL			
	, , , , , , , , , , , , , , , , , , , 	Notary Public	
My commission e	xpires:		

Date	Inventor:	Jin-Woong Kim	
	Address:	301-806 Jugong Apartment	
		Geumwha-village	
		Gyeonggi-do 446-958	
		REPUBLIC OF KOREA	
·	Citizenship:	Republic of Korea	
Witness:	Date:		
Witness:	Date:		

Date			Amy Rowat 240 River Street, #8 Cambridge, Massachusetts 02139 Canada
STATE/COMMONWE COUNTY OF	day of	;	, before me, the undersigned notary public,
identification, which we to be the person who to me that the content	ere signed the ts of the do	preceding or attached	, proved to me through satisfactory evidence of, document in my presence and swore or affirmed d accurate to the best of (his) (her) knowledge ned it voluntarily for its stated purpose.
SEAL		Notary Public	
My commission e	xpires:		

Date	Inventor:	Morten Sommer
	Address:	2 Brimmer Street
		#2
		Boston, Massachusetts 02108
	Citizenship:	
STATE/COMMONWE	ALTH OF	
COUNTY OF		
On this	day of	, before me, the undersigned notary public,
personally appeared	Morten Sommer	_, proved to me through satisfactory evidence of
identification, which we	ere	
to be the person who s	signed the preceding or attached	document in my presence and swore or affirmed
		d accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
NA	······································	
My commission ex	pires.	

Date		Inventor:	Gautam Dantas
		Address:	14 Mead Street
			#2
			Allston, Massachusetts 02134
		Citizenship:	India
STATE/COMMONWE/	ALTH OF		
COUNTY OF		·	
			the state of the s
On this	day of		, before me, the undersigned notary public,
personally appeared		Gautam Dantas	_, proved to me through satisfactory evidence of
identification, which we	re	ding or ottochod	document in my presence and swore or affirmed
to be the person who s	igned the	preceding or allached	d accurate to the best of (his) (her) knowledge
to me that the contents	ledaed to	me that (he) (she) sign	ned it voluntarily for its stated purpose.
and belief and downer.	loogou lo		
SEAL			
		Notary Public	
My commission ov	nirae:		
and belief and acknow	ledged to	me that (he) (she) sign Notary Public	ed it voluntarily for its stated purpose.
My commission ex	pires:		

Page 9 of 10

Date Inventor:	George Church
Address:	218 Kent Street
	Brookline, MA 02446
Citizenship:	US
STATE/COMMONWEALTH OF	
COUNTY OF:	
On this,	, before me, the undersigned notary public,
personally appeared George Church	, proved to me through satisfactory evidence of
identification, which were	
to be the person who signed the preceding or attached	document in my presence and swore or affirmed
to me that the contents of the document are truthful an	d accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) sign	ned it voluntarily for its stated purpose.
SEAL	
Notary Public	
My commission expires:	

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to President and Fellows of Harvard College, a Massachusetts non-profit corporation having a place of business at 17 Quincy Street; Cambridge, Massachusetts 02138, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 4, 2009 under No. 12/529,926, bearing Attorney Docket No. H0498.70295US01, and entitled ASSAYS AND OTHER REACTIONS INVOLVING DROPLETS, and International Patent Application No.: PCT/US2008/003185 filed March 7, 2008, bearing Attorney Docket No.: H0498.70295WO00 and entitled ASSAYS AND OTHER REATIONS INVOLVING DROPLETS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Page 2 of 10

REEL: 047154 FRAME: 0492

Date	Inventor:	Jeremy Agresti
	Address:	61 Plymouth Street
		Apt. #3
		Cambridge, Massachusetts 02141
	O'thin a mark in a	
	Citizenship:	05
STATE/COMMONWE	ALTH OF	
	:	
On this	day of	, before me, the undersigned notary public,
personally appeared		, proved to me through satisfactory evidence of
identification, which we		
		document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge
		ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
	·	
My commission ex	pires:	

Nov. 25, 2009 Date	Inventor: Liang-Yin Chu Address: School of Chemical Engineering Sichuan University Chengdu, 610065 PEOPLE'S REPUBLIC OF CHINA Citizenship: People's Republic of China	?
Witness:	Date:	
Witness: <u>Xivao Fre Ju</u>	Date: <u>Nov. 25, 2009</u>	

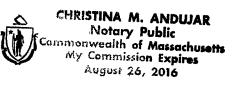
11/30/09		he
Date	Inventor:	David A. W
	A ddraga:	212 Groon

Address: 213 Green Road

Bolton, Massachusetts 01740

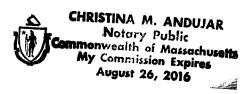
Citizenship: US

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COUNTY OF MIDDLES EX :	
	efore me, the undersigned notary public, yed to me through satisfactory evidence of
to be the person who signed the preceding or attached docum	
to me that the contents of the document are truthful and accur and belief and acknowledged to me that (he) (she) signed it vo	
SEAL Notary Public	<u>1</u> 8
My commission expires:	-



Date	Inventor:	Jin-Woong Kim	
	Address:	301-806 Jugong Apartment	
		Geumwha-village	
		Gyeonggi-do 446-958	
		REPUBLIC OF KOREA	
	Citizenship:	Republic of Korea	
Witness:	Date:		
			•
Witness:	Date:		

Date	Inventor:	Amy Rowat	\sim
	Address:	240 River Street, #8	
		Cambridge, Massachusetts	02139
	Citizenship:	Canada	
OTATE/OOM/MON	MENTHOE ALAKENI	hoode	
STATE/COMMON COUNTY OF	MANNESUL :	(USEXT)	
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On this	day of MPRANST, AU	${\underline{\mathscr{G}}}$, before me, the undersig	ned notary public,
personally appeare		_, proved to me through satis	sfactory evidence of
identification, whic			
to be the person w	tho signed the preceding or attached	document in my presence an	d swore or affirmed
to me that the con	tents of the document are truthful and	accurate to the best of (his)	(her) knowledge
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SEAL	1//nd (Me)//(sweg	
	Notary Public	// >	



My commission expires:

Dec. 8/2009

///38/09 Inventor:	
Date Inventor:	Morten Sommer
Address:	2 Brimmer Street
	#2
	Boston, Massachusetts 02108
Citizenship:	Penmah
STATE/COMMONWEALTH OF WASSAC	CHUSETTS
COUNTY OF SUFFOUR:	
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	$\underline{o9}$, before me, the undersigned notary public,
	, proved to me through satisfactory evidence of
identification, which were MASS DRIVERS L	CENSE
to be the person who signed the preceding or attached	document in my presence and swore or affilmed
to me that the contents of the document are truthful and	accurate to the best of (fils) (fier) knowledge
and belief and acknowledged to me that (he) (she) sign	led it voluntarily for its stated purpose.
SEAL T. Braderell	
1. 600000	

My commission expires: $\frac{5}{\sqrt{2010}}$

Date		Inventor:	Gautam Dantas		_
		Address: ⁶	14 Mead Street	7906 Lafon Place	
		GID.	-#2	University City, Misso	uri, 63130
		Go.	Allston, Massach	7906 Lafon Place University City, Misso	,
		Citizenship:			
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	TY OF St.		•	_	
	ally appeared	Gautam Dantas	_, proved to me th	ne undersigned notary public, arough satisfactory evidence of	ali
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to me th	nat the contents of	f the document are truthful and	accurate to the b	est of (his) (her) knowledge	
and bel	ief and acknowled	dged to me that (he) (she) signe	ed it voluntarily for	its stated purpose.	
SEA	AL (Wotary Public	blouse	,	
Му	commission expire	es: October 16,	2010		

ROSE LEE BROCKHOUSE NOTARY PUBLIC - NOTARY SEAL STATE OF MISSOURI ST. LOUIS COUNTY COMMISSION NUMBER 06515123 MY COMMISSION EXPIRES OCTOBER 16, 2010

25th Nov'09

Date		Inventor:	George Church
		Address:	218 Kent Street
			Brookline, MA 02446
		Citizenship:	US
STATE/COMMONWE	ALTH OF		
COUNTY OF		<u> </u>	
On this	day of		, before me, the undersigned notary public,
personally appeared	Geo		, proved to me through satisfactory evidence of
identification, which we			
			document in my presence and swore or affirmed
			d accurate to the best of (his) (her) knowledge
and belief and acknowl	edged to me	that (he) (she) sign	ed it voluntarily for its stated purpose.
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SEAL		Notary Public	
My commission ex	nires:		
THE CONTINUES OF CALL			

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- 1. Sell, assign and transfer to President and Fellows of Harvard College, a Massachusetts non-profit corporation having a place of business at 17 Quincy Street; Cambridge, Massachusetts 02138, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 4, 2009 under No. 12/529,926, bearing Attorney Docket No. H0498.70295US01, and entitled ASSAYS AND OTHER REACTIONS INVOLVING DROPLETS, and International Patent Application No.: PCT/US2008/003185 filed March 7, 2008, bearing Attorney Docket No.: H0498.70295WO00 and entitled ASSAYS AND OTHER REATIONS INVOLVING DROPLETS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically

Attorney Docket No. H0498.70295US01 1828883.1

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. H0498,70295US01 1828883.1 Page 2 of 10

Date	Inventor:	Jeremy Agresti
	Address:	61 Plymouth Street
		Apt. #3
		Cambridge, Massachusetts 02141
	Citizenship:	US
OTATE/OOM #MONINA/#	TALTIL OF	
STATE/COMMONWE COUNTY OF	ALTH OF	
	•	
On this	_ day of,,	, before me, the undersigned notary public,
personally appeared		_, proved to me through satisfactory evidence of
identification, which we		
		document in my presence and swore or affirmed
		I accurate to the best of (his) (her) knowledge
and belief and acknow	viedged to me that (ne) (sne) signe	ed it voluntarily for its stated purpose.
SEAL		
	Notary Public	
My commission ex	xpires:	

Date	Inventor:	Liang-Yin Chu	**************************************
	Address:	School of Chemical Engineering	
		Sichuan University	
		Chengdu, 610065	
		PEOPLE'S REPUBLIC OF CHINA	
	Citizenship:	People's Republic of China	
Witness:	Date:		
			·
Witness:	Date:		

Date		Inventor:	David A. Weitz
		Address:	213 Green Road
			Bolton, Massachusetts 01740
		Citizenship:	US
STATE/COMMONWE	ALTH OF _		
COUNTY OF		:	
On this	day of	3	, before me, the undersigned notary public,
personally appeared	Da		, proved to me through satisfactory evidence of
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o be the person who	signed the p	receding or attached	document in my presence and swore or affirmed
o me that the content	s of the docu	ument are truthful and	accurate to the best of (his) (her) knowledge
and belief and acknow	/ledged to m	ne that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL			
		Notary Public	
My commission ex	niroe:		
wy commosion ex	.h.i.es.		

12/15/09		Ti Went /ai
Date	Inventor:	Jin-Woong Kim
	Address:	301-806 Jugong Apartment
		Geumwha-village
		Gyeonggi-do 446-958
		REPUBLIC OF KOREA
	Citizenship:	Republic of Korea
Witness: 3738W	_ Date:	12/15/09
Chenghwan Hwang		
Witness:	_ Date:	12/15/09

REEL: 047154 FRAME: 0506

Date		Inventor:	Amy Rowat
		Address:	240 River Street, #8
			Cambridge, Massachusetts 02139
		Citizenship:	Canada
STATE/COMMONWE	ALTH OF		
COUNTY OF		:	
On this	_ day of	,	, before me, the undersigned notary public,
personally appeared		Amy Rowat	, proved to me through satisfactory evidence of
identification, which w			
•	_	•	document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknov	wledged to	me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL			
	· · · · · · · · · · · · · · · · · · ·	Notary Public	
My commission e	xpires:		
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Date	Inver	ntor: Morten Sommer
	Addr	ess: 2 Brimmer Street
		#2
		Boston, Massachusetts 02108
	Citizens	ship:
STATE/COMMONWE	ALTH OF	
COUNTY OF	· ·	
On this	day of	before me the undersigned natory public
On this personally appeared		, before me, the undersigned notary public, , proved to me through satisfactory evidence of
dentification, which w		, proved to the through satisfactory evidence of
·	·	thed document in my presence and swore or affirmed
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		signed it voluntarily for its stated purpose.
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	Notary Public	
My commission or	vniron.	
My commission ex	.pires.	

Date		Inventor:	Gautam Dantas
		Address:	14 Mead Street
			#2
			Allston, Massachusetts 02134
		Citizenship:	India
STATE/COMMONWEA	ALTH OF		
COUNTY OF		_:	
On this	day of	<u>,</u> ,	, before me, the undersigned notary public,
personally appeared			_, proved to me through satisfactory evidence of
identification, which we	re		
•	•	•	document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknowl	ledged to me that (h	ne) (she) signe	ed it voluntarily for its stated purpose.
SEAL			
	Notary	/ Public	
My commission exp	pires:		

Date Invento	or: George Church
Addres	s: 218 Kent Street
	Brookline, MA 02446
Citizenshi	p: US
STATE/COMMONWEALTH OF	
COUNTY OF:	
On this day of ,	, before me, the undersigned notary public,
	, proved to me through satisfactory evidence of
identification, which were	, provide to the impagination of action of
to be the person who signed the preceding or attache	ed document in my presence and swore or affirmed
to me that the contents of the document are truthful a	and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) si	gned it voluntarily for its stated purpose.
CEAL	
SEAL Notary Public	
Notary Fublic	
My commission expires:	

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to President and Fellows of Harvard College, a Massachusetts non-profit corporation having a place of business at 17 Quincy Street; Cambridge, Massachusetts 02138, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on September 4, 2009 under No. 12/529,926, bearing Attorney Docket No. H0498.70295US01, and entitled ASSAYS AND OTHER REACTIONS INVOLVING DROPLETS, and International Patent Application No.: PCT/US2008/003185 filed March 7, 2008, bearing Attorney Docket No.: H0498.70295WO00 and entitled ASSAYS AND OTHER REATIONS INVOLVING DROPLETS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Page 2 of 10

Date Inventor:	Jeremy Agresti
Address:	61 Plymouth Street
	Apt. #3
	Cambridge, Massachusetts 02141
Citizenship	US
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STATE/COMMONWEALTH OF	
COUNTY OF:	
	t understand action and lie
On this,	, before me, the undersigned notary public,
personally appeared	
identification, which were	,
to be the person who signed the preceding or attached to me that the contents of the document are truthful an	d accurate to the heet of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) sign	
and belief and acknowledged to me that (ne) (sho) sign	to the volume of the states perpose.
SEAL	
Notary Public	
My commission syntrop	
My commission expires:	

Date	Inventor:	Liang-Yin Chu
	Address:	School of Chemical Engineering
		Sichuan University
		Chengdu, 610065
		PEOPLE'S REPUBLIC OF CHINA
	Citizenship:	People's Republic of China
Witness:	_ Date:	
Witness:	Date:	

Date		Inventor:	David A. Weitz
		Address:	213 Green Road
			Bolton, Massachusetts 01740
		Citizenship:	US
STATE/COMMONWE/	ALTH OF		
COUNTY OF		•	
On this	day of	,	, before me, the undersigned notary public,
personally appeared	David A. V		_, proved to me through satisfactory evidence of
identification, which we			
			document in my presence and swore or affirmed
			accurate to the best of (his) (her) knowledge
and belief and acknow	ledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL			
	Notar	y Public	
My commission exp	pires:		

Date	inventor:	Jin-Woong Kim	
	Address:	301-806 Jugong Apartment	
		Geumwha-village	
		Gyeonggi-do 446-958	
		REPUBLIC OF KOREA	
	Citizenship:	Republic of Korea	
Witness:	Date:		
· · · · · · · · · · · · · · · · · · ·			-
Witness:	Date:	11 14 14 14 14 14 14 14 14 14 14 14 14 1	

Date Inventor:	Amy Rowat
Address:	240 River Street, #8
	Cambridge, Massachusetts 02139
Citizenship:	Canada
·	
STATE/COMMONWEALTH OF	
COUNTY OF:	
	heters me the undersigned notary public
On this , , , , , , , personally appeared Amy Rowat	, before me, the undersigned notary public,
identification, which were	, proved to the unough satisfactory evidence of
to be the person who signed the preceding or attached	document in my presence and swore or affirmed
to me that the contents of the document are truthful and	d accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) sign	ed it voluntarily for its stated purpose.
SEAL	
Notary Public	· ·
110tary i dollo	
My commission expires:	

Date	Inventor:	Morten Sommer
	Address:	2 Brimmer Street
		#2
		Boston, Massachusetts 02108
	Citizenship:	
•		
STATE/COMMONWEA	ALTH OF	
COUNTY OF	•	
On this	day of,	, before me, the undersigned notary public,
personally appeared		_, proved to me through satisfactory evidence of
identification, which we		
		document in my presence and swore or affirmed
		accurate to the best of (his) (her) knowledge ed it voluntarily for its stated purpose.
and belief and acknowl	eaged to me that (ne) (and) sign	out tolandary for he stated parposes.
SEAL		
	Notary Public	
My commission exp	pires:	

Date	inventor:	Gautam Dantas
	Address:	14 Mead Street
		#2
		Allston, Massachusetts 02134
ī	Citizenship:	,
·	Citizenship.	IIIdia
STATE/COMMONWEALTH OF		Contract Con
COUNTY OF	:	
		, before me, the undersigned notary public,
	m Dantas	_, proved to me through satisfactory evidence of
identification, which were		1
		document in my presence and swore or affirmed
		I accurate to the best of (his) (her) knowledge
and belief and acknowledged to me the	iat (ne) (sne) sign	ed it voluntarily for its stated purpose.
SEAL		
	otary Public	
140	otary i abiio	
My commission expires:		
• • • • • • • • • • • • • • • • • • • •		

Page 9 of 10

FJan 2010	
Date	

Inventor: George Church Address: 218 Kent Street

Brookline, MA 02446

Citizenship: US

STATE/COMMONWEALTH OF MASSACHUSETTS COUNTY OF SIXFFILK:				
OOONTTOI OINF	<u>1-13 C.T.</u>			
On this o	day of \underline{SAN} , George Church	, before me, the undersigned notary public, proved to me through satisfactory evidence of		
identification, which were		-		
to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.				
SEAL	T. Bude Aud Notary Public			
My commission expir	es: <u>\$/1/2010</u>			

Attorney Docket No. H0498.70295US01 1828883.1