504819420 03/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISH KOTRU	10/11/2017
JUSTIN M. BROWN	02/08/2018
DAVID L. BUTTS	02/12/2018
RICHARD E. STONER	10/11/2017
JENNIFER T. CHOY	07/20/2017
DAVID M.S. JOHNSON	07/20/2017
NICOLE POMEROY	07/20/2017
STEPHEN P. SMITH	07/20/2017
NANCY WU	03/12/2018

RECEIVING PARTY DATA

Name:	THE CHARLES STARK DRAPER LABORATORY, INC.
Street Address:	555 TECHNOLOGY SQUARE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15527935

CORRESPONDENCE DATA

Fax Number: (617)395-7070

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) 395-7012

Email: CJRpatents@LALaw.com LANDO & ANASTASI, LLP **Correspondent Name:** Address Line 1: RIVERFRONT OFFICE PARK Address Line 2: ONE MAIN STREET, SUITE 1100

Address Line 4: CAMBRIDGE, MASSACHUSETTS 02142

ATTORNEY DOCKET NUMBER:	D2050-7039US
NAME OF SUBMITTER:	CAROLINE J. ROUSH

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REEL: 045207 FRAME: 0066 504819420

SIGNATURE:	/Caroline J. Roush/
DATE SIGNED:	03/14/2018
Total Attachments: 11	
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PATENT REEL: 045207 FRAME: 0067

U.S. Application No.: 15/527,935

ASSIGNMENT.

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned Krish Kotru; Justin M. Brown; David L. Butts; Richard E. Stoner; Jennifer T. Choy; David M.S. Johnson; Nicole Pomeroy; Stephen P. Smith; and Nancy Wu of 10 Emerson Pl., Apartment 5D, Boston, Massachusetts 02114; 27 Walden Street, Apt 3, Cambridge, Massachusetts 02140; 140 Beacon Street, Apt 5, Boston, Massachusetts 02116-1447; 18 Eden Street, Framingham, Massachusetts 01702; 18 Forest Street, Apt 33, Cambridge, Massachusetts 02140; 39 Jay St #3, Somerville, Massachusetts 02144; 34 Hamilton Road, Waltham, Massachusetts 02453; 5 Juniper Ridge Rd, Acton, Massachusetts 01720; and 70 Pacific Street, Room 924B, Cambridge, Massachusetts 02139, respectively, hereby:

Sell, assign and transfer to THE CHARLES STARK DRAPER LABORATORY, INC., a Massachusetts corporation having a place of business at 555 Technology Square, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office as the Receiving Office on:

	December 3, 2015	
	Enter Filing Date Above	inappa)
under Application Serial No.	PCT/US2015/063753	······································
titled ATOM INTERFER	OMETRY IN DYNAMIC E	NVIRONMENTS.

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions, including a provisional application filed on <u>December 3, 2014</u> under Application Serial No. 62/086,946 titled <u>ATOM INTERFEROMETRY IN DYNAMIC ENVIRONMENTS</u> and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We

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U.S. Application No.: 15/527,935

agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee:

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said 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.

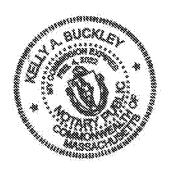
Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

	Ву:	THE CHARLES STARK DRAPER LABORATORY, INC.	
Date	:	Signature	
		Printed Name of Signor	
		Title/Authority of Signor	

U.S. Application No.: 15/527,935

Justin M. Brown Date: February 8, 2018 United States of America On this 8th day of February, 2018, before me personally came Justin M. Brown, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution

Killy a Buckly



State of County of

of the same.

U.S. Application No.: 15/527,935

	K LITE.
	Krish Kotru
Date: 10/4/7	
United States of America)	
State of ///////////////////////////////////	
County of Malay	
On this day ofOTOLOGO personally came Krish Kotru	before me , to me known to be the individual
described in and who executed the foregoing instrunt of the same.	
	btary Public

U.S. Application No.: 15/527,935

Date:

United States of America

State of County of PRISALHYSETTS NOCFORD

On this

day of

personally came David L. Butts 2019 , before me to me known to be the individual

described in and who executed the foregoing instrument; and acknowledged execution

of the same,

Notary Public



PATENT REEL: 045207 FRAME: 0072

U.S. Application No.: 15/527,935

Date: 10-11-2017

United States of America
State of
County of

On this day of State of Richard E. Stoner to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Nothery Publi

Docket No.: D2050-7039US(CSDL.5005.US.01) U.S. Application No.: 15/527,935

			Jenniier	i. Cnoy	15
Date: 7/2	0/2017	~ ,			
United States of Ame State of County of	erica Nasabust Malesex	ss.:			
On this <u>QC</u> personally came	day of July Jennifer T. C	·····	<u> </u>		vidual
described in and who of the same.	executed the foregoing	g instrument, a	and acknowledge	ed execution	? ?
		Notary	iMblic 1		

U.S. Application No.: 15/527,935

M.S. Johnson

Date:

United States of America

State of County of

On this

day of

personally came

David M.S. Jokason

s to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution

of the same.

U.S. Application No.: 15/527,935

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			,	Nicole Po	meroy	
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United States	of America	`				
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U.S. Application No.: 15/527,935

Date: 7/20/2017

United States of America

State of

County of Middlesex

On this 20

day of Muly

007, before me

personally came Stephen P. Smio , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution

of the same.

otary Public

PATENT REEL: 045207 FRAME: 0077

U.S. Application No.: 15/527,935

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			Ne	uncy Wu
Date: <u>03 16</u>	2 2018			
United States of Ame	erica)		
State of	CALIFO	randa) ss.	e •	
County of		aerez)		
On this Q**	day of	MARCH	. 2018	, before me
personally came		Nancy Wu	, to me know	n to be the individual
described in and who	executed the	e foregoing instru	ment, and acknowle	edged execution
of the same.			Lax Leune	a Delas
	JAN JAMES VICKE RHY PUBLIC - CAL OMMISSION 8 218 OS ANGELES COU Comm. Exp. May 2	RS FORMA #800 E NY 1, 2021	Nglary Publik	<i>y</i>

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