## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
EUGENE H. COOK	08/04/2016
MARC S. WEINBERG	08/01/2016
JONATHAN J. BERNSTEIN	08/01/2016

#### **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:	15160433

#### **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) 395-7078

Email: DRPatents@LALaw.com

Correspondent Name: LANDO & ANASTASI, LLP

Address Line 1: RIVERFRONT OFFICE PARK

Address Line 2: ONE MAIN STREET, SUITE 1100

Address Line 4: CAMBRIDGE, MASSACHUSETTS 02142

ATTORNEY DOCKET NUMBER:	D2050-704011
NAME OF SUBMITTER:	DAVID M. ROCCIO
SIGNATURE:	/David M. Roccio/
DATE SIGNED:	08/05/2016

#### **Total Attachments: 5**

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Attorney Docket No.: D2050-704011(CSDL-2346 US2)

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### ASSIGNMENT

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

Eugene H. Cook of 20 High Street, Action, Massachusetts 01720; Marc S. Weinberg of 119 Broad Meadow Road, Needham, Massachusetts 02492; and Jonathan J. Bernstein of 8 Kenney Road, Medfield, Massachusetts 02052, 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 on:

<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	May 20, 2016 Enter Filing Date Asove		
under Application Serial No.	15/160,433	and	
Entitled WHOLE ANGLE MEN	IS GYROSCOPE ON	HEXAGONAL CRY	<b>YSTAL</b>
	SUBSTRATE,		

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 March 2, 2016 under Application Serial No. 62/302,474 entitled WHOLE ANGLE MEMS.GYROSCOPE; 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 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 us 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

Assignment-Page 5 of 5

	By: the charles stark draper laboratory, inc.
Aujust 1,201	
Date	Signature
	Mch(le R Krows  Printed Name of Signor
	HILL Post Const
	Title/Authority of Signor
STATE OFM&	ssackosetts :
On thisday	of August, 2016, before me, the undersigned notary appeared Michelle L. Kearas (name of document
	ne through satisfactory evidence of identification, which were
	to be the person whose name is signed on the
Turner on the first thin	
	ed document, and acknowledged to me that (he) (she) signed
it voluntarily for its	stated purpose.
	July 1
(SEAL)	Printed name of Notary: LIVO4 M. NAJJAR
	My commission expires: July 21, 2016
ė.	LINDA M. NALIAR  Notary Public  COMMICHIMEALTH OF MASSACHUSETTS  My Commission Expires  July 21, 2017

# Attorney Docket No.: D2050-704011(CSDL-2346 US2)

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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.

	8/4/16	6 July Communication
Date		Eugene H. Cook
	public, personally ap- signer), proved to me	\$
preceding or attached document, and acknowledged to me that (he) (she) sig		
	it voluntarily for its	stated purpose.
	(SEAL)	Printed name of Notary: LINOI M NAJIK
		My commission expires: 14 21, 211

	8/1/18	In on S. Weinberg
Date		Marc S. Weinberg
	STATE OF Mass	<u>a_chuseHs</u>
	COUNTY OF	iddleset ::
ŕ	On thisday of	Avgust, 2016, before me, the undersigned notary
	public, personally ap	peared Mare S. Weinberg (name of document
	signer), proved to me	through satisfactory evidence of identification, which were
	photo 1.0	to be the person whose name is signed on the
		document, and acknowledged to me that (he) (she) signed
	it voluntarily for its s	tated purpose.
		_ Lesta M. Kujje
	(SEAL)	Printed name of Notary: LINDA M. NAJJAL
		My commission expires: July 21, 2017
		LINDA M. NAJJAR Notery Public COMMONWEATH OF MASSACHUSETTS My Commission Expires July 21, 2017
		and the state of t

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 EX a.4 a	1 Ang 2016	Jonathan J. Bernstein
Date		monachan o. Dergistem
	STATE OF Ma:	
	COUNTY OF	liddles xx :
	On this 15th day of	of August, 2016, before me, the undersigned notary
	public, personally a	ppeared Jonathan J. Bernstein (name of document
	signer), proved to m	ne through satisfactory evidence of identification, which were
	Ac is known	to be the person whose name is signed on the
	preceding or attache	ed document, and acknowledged to me that (he) (she) signed
	it voluntarily for its	stated purpose.
		Lista M. Kyji
	(SEAL)	Printed name of Notary: LiNOA M. NAJJAR
		My commission expires: Usy 21, 2016
		•
		COMMONWEALTH OF MASSACHUSETTS My Commission Expires July 21, 2017

PATENT REEL: 039349 FRAME: 0316

**RECORDED: 08/05/2016**