

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3897257

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BENJAMIN F. LANE	05/25/2016
	WILLIAM W. WHITACRE	05/12/2016
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:	15152104
CORRESPONDENCE DATA		
Fax Number:	(617)443-0004	
<i>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.</i>		
Phone:	617-443-9292	
Email:	rmooney@sunsteinlaw.com	
Correspondent Name:	SAMUEL J. PETUCHOWSKI	
Address Line 1:	SUNSTEIN KANN MURPHY & TIMBERS LLP	
Address Line 2:	125 SUMMER STREET	
Address Line 4:	BOSTON, MASSACHUSETTS 02110-1618	
ATTORNEY DOCKET NUMBER:	3898/1043	
NAME OF SUBMITTER:	SAMUEL J. PETUCHOWSKI	
SIGNATURE:	/Samuel J. Petuchowski, #37,910/	
DATE SIGNED:	06/01/2016	
Total Attachments: 2		
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ASSIGNMENT

ASSIGNORS: Benjamin F. Lane
William W. Whitacre

ASSIGNEE: The Charles Stark Draper Laboratory, Inc.,
555 Technology Square
Cambridge, MA 02139

STATE OF
INCORPORATION OF
ASSIGNEE: Massachusetts

TITLE: Methods and Apparatus for Navigational Aiding Using Celestial
Object Tracking

ATTORNEY DOCKET: 3898/1043

APPLICATION NO.: 15/152,104

FILING DATE: May 11, 2016

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including

attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP 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.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 6/25/2016

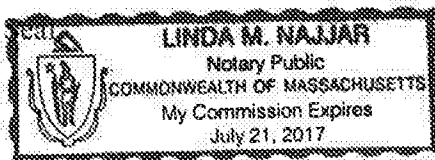
Benjamin F. Lane
Benjamin F. Lane, Assignor

Commonwealth of Massachusetts

County of Middlesex, ss.

May 25, 2016

On this 25th day of May, 2016, before me, the undersigned notary public, personally appeared Benjamin F. Lane, proved to me through satisfactory evidence of identification, which consisted of photo I.D., to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



Linda M. Najjar
Notary Public
My commission expires: 7/21/17

Date: 5/12/2016

William W. Whitacre
William W. Whitacre, Assignor

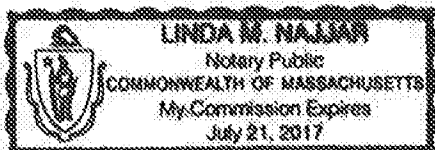
Commonwealth of Massachusetts

County of Middlesex, ss.

5/12/16, 2016

On this 12th day of May, 2016, before me, the undersigned notary public, personally appeared William W. Whitacre, proved to me through satisfactory evidence of identification, which consisted of photo I.D., to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



Linda M. Najjar
Notary Public
My commission expires: 7/21/17