

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3288433

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN E. GRANDFIELD	03/04/2015
PHILLIP HULSE	03/04/2015
MATTHEW SHEA	03/04/2015
MICHAEL P. ABBAN	03/03/2015
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:	14568336
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:	cperry@sunsteinlaw.com
Correspondent Name:	GEORGE J. JAKOBSCHE
Address Line 1:	125 SUMMER STREET
Address Line 2:	SUNSTEIN KANN MURPHY & TIMBERS LLP
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	3898/1026
NAME OF SUBMITTER:	GEORGE J. JAKOBSCHE
SIGNATURE:	/George J. Jakobsche/
DATE SIGNED:	03/30/2015
Total Attachments: 4	
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ASSIGNMENT

ASSIGNOR: John E. Grandfield
Phillip Hulse
Matthew Shea
Michael P. Abban

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

INVENTION: Electronically Steerable Single Helix/Spiral Antenna

ATTORNEY DOCKET: 3898/1025

SERIAL NO: 14/568,336

FILING DATE: December 12, 2014

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 serial number as indicated above, or if no filing date and serial 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:

3/27/2015

John E. Grandfield
John E. Grandfield, Assignor

STATE OF FLORIDA

County of _____, ss.

4th May, 2015

On this ____ day of _____, 20____, before me, the undersigned notary public, personally appeared John E. Grandfield, proved to me through satisfactory evidence of identification, which consisted of John Grandfield, 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.

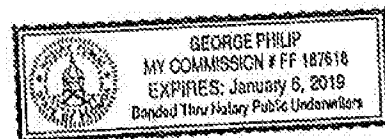
Seal

George Philip
Notary Public

My commission expires:

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PATENT
REEL: 035287 FRAME: 0050

Date: March 4, 2015

Phillip Hulse
Phillip Hulse, Assignor

STATE OF FLORIDA

County of _____, ss.

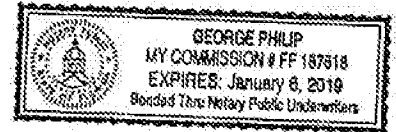
4th March, 2015

On this 4th day of March, 2015, before me, the undersigned notary public, personally appeared Phillip Hulse, proved to me through satisfactory evidence of identification, which consisted of Phillip Hulse, 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

George Philip
Notary Public

My commission expires:



Date: 3/4/2015

Matthew Shea
Matthew Shea, Assignor

STATE OF FLORIDA

County of _____, ss.

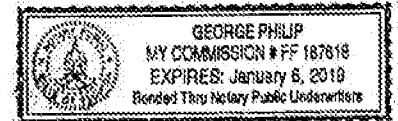
4th Mar, 2015

On this ___ day of _____, 20___, before me, the undersigned notary public, personally appeared Matthew Shea, proved to me through satisfactory evidence of identification, which consisted of Matthew Shea, 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

George Philip
Notary Public

My commission expires:



Date: 3 MAR 15

Michael P. Abban
Michael P. Abban, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

March 3, 2015

On this 3rd day of March, 2015, before me, the undersigned notary public, personally appeared Michael P. Abban, 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: July 21, 2017

