

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3184911

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN E. GRANDFIELD	08/11/2014
PHILLIP HULSE	08/29/2014
RECEIVING PARTY DATA	
Name:	THE CHARLES STARK DRAPER LABORATORY, INC.
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State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14454983
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NAME OF SUBMITTER:	GEORGE J. JAKOBSCHKE
SIGNATURE:	/George J. Jakobsche/
DATE SIGNED:	01/15/2015
Total Attachments: 3	
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ASSIGNMENT

ASSIGNOR: John E. Grandfield
Phillip Hulse

ASSIGNEE: The Charles Stark Draper Laboratory, Inc.

INVENTION: Ground Plane Meandering in Z Direction for Spiral Antenna

ATTORNEY DOCKET: 3898/1019

SERIAL NO.: 14/454,983

FILING DATE: August 8, 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.

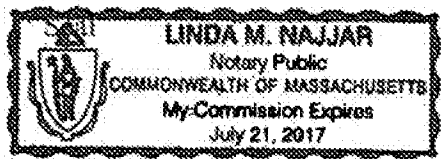
IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

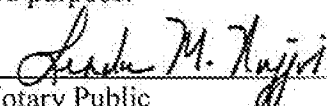
Date: 8/11/2014 
John E. Grandfield Assignor

STATE OF ~~FLORIDA~~ Massachusetts

County of Middlesex, ss. 8/11, 2014

On this 11th day of August, 2014, before me, the undersigned notary public, personally appeared John E. Grandfield, proved to me through satisfactory evidence of identification, which consisted of he is known to me, 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.




Notary Public
My commission expires: 7/21/17

Date: 8-29-2014

Phillip Hulse
Phillip Hulse, Assignor

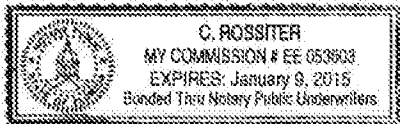
STATE OF FLORIDA

County of Pinellas, ss.

August 29th, 2014

On this 29th day of August, 2014, before me, the undersigned notary public, personally appeared Phillip Hulse, proved to me through satisfactory evidence of identification, which consisted of FL Driver License, 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



C. Rossiter
Notary Public

My commission expires: 01/09/2015

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