

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3720606

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JAMES A. BICKFORD	02/05/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE CHARLES STARK DRAPER LABORATORY, INC.	
<b>Street Address:</b>	555 TECHNOLOGY SQUARE	
<b>City:</b>	CAMBRIDGE	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02139	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15011926
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)395-7070	
<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>		
<b>Phone:</b>	(617) 395-7073	
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<b>Correspondent Name:</b>	LANDO & ANASTASI LLP	
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<b>ATTORNEY DOCKET NUMBER:</b>	D2050-703710(CSDL-2333)	
<b>NAME OF SUBMITTER:</b>	SHAUN R. VAVRA	
<b>SIGNATURE:</b>	/Shaun R. Vavra/	
<b>DATE SIGNED:</b>	02/01/2016	
<b>Total Attachments: 3</b>		
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**ASSIGNMENT**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned **James A. Bickford** of **Winchester, Massachusetts**, 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:

**February 2, 2015**

ENTER FILING DATE ABOVE

under Application Serial No. **62/110,875** and

Entitled **MECHANICAL ANTENNA**,

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; 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;

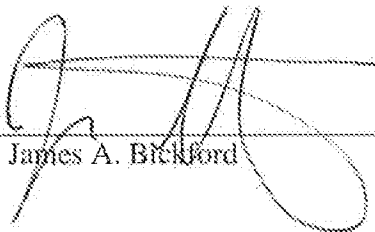
Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

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, I 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.

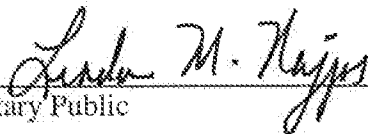
Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

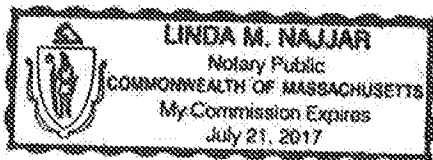
  
James A. Bickford

Date: February 5, 2015

United States of America )  
State of Massachusetts ) ss.:  
County of Middlesex )

On this 5<sup>th</sup> day of February, 2015, before me personally came James A. Bickford, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



By: **THE CHARLES STARK DRAPER  
LABORATORY, INC.**

Date

2/5/15

Signature

*Melinda J. Brown*

Printed Name of Signor

Melinda J. Brown

Title/Authority of Signor

General Counsel