

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
David J. Carter	05/11/2009
Marc S. Weinberg	05/06/2009
Eugene Cook	05/11/2009
Peter Miraglia	09/01/2009

**RECEIVING PARTY DATA**

Name:	The Charles Stark Draper Laboratory, Inc.
Street Address:	555 Technology Square
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139-3563

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12370565

**CORRESPONDENCE DATA**

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 Correspondent Name: Goodwin Procter LLP  
 Address Line 1: Exchange Place  
 Address Line 4: Boston, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	DPL-108
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NAME OF SUBMITTER:	Kenneth E. Radcliffe
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Total Attachments: 6  
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**PATENT  
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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by David J. Carter; Marc S. Weinberg; Eugene Cook; and Peter Miraglia (hereinafter referred to as Assignors), residing at 125 Summer Street, Maynard, Massachusetts 01754; 119 Broad Meadow Road, Needham, Massachusetts 02492; 52 Joy Street, Apt. 3, Boston, Massachusetts 02114; and 35 Sycamore Road, Weymouth, Massachusetts 02190, respectively;

**WHEREAS**, Assignors have invented, together with Zoltan S. Spakovszky, certain new and useful improvements in ROTARY NANOTUBE BEARING STRUCTURE AND METHODS FOR MANUFACTURING AND USING THE SAME, set forth in a Patent application for Letters Patent of the United States, already filed on February 12, 2009 as U.S. Application No. 12/370,565; and

**WHEREAS**, The Charles Stark Draper Laboratory, Inc., a Corporation organized under and pursuant to the laws of Massachusetts having its principal place of business at 555 Technology Square, Cambridge, Massachusetts 02139-3563 (hereinafter referred to as Assignee), is desirous of acquiring rights, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors, together with Zoltan S. Spakovszky, are the sole and

lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.


**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

All practitioners at Customer Number 051414

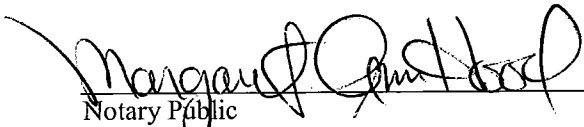
**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

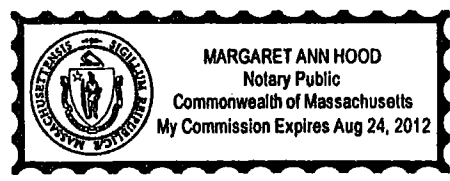
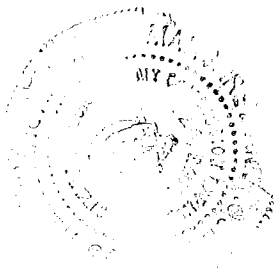
  
\_\_\_\_\_  
David J. Carter

Date: 5/11/09

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

On this 11th day of May, 2009, before me  
personally came David J. Carter, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
\_\_\_\_\_  
Notary Public



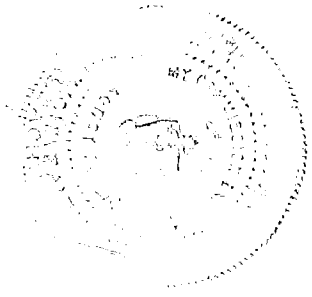
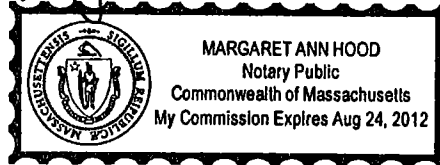
Marc S. Weinberg  
Marc S. Weinberg

Date: 5/6/09

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

On this 6<sup>th</sup> day of May, 2009, before me personally came Marc S. Weinberg, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Ann Hood  
Notary Public



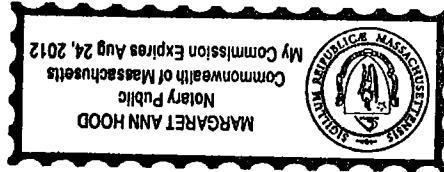
Eugene H Cook  
Eugene Cook

Date: 5/11/09

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

On this 11<sup>th</sup> day of May, 2009, before me  
personally came Eugene Cook, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Margaret Ann Hood  
Notary Public



*Peter Miraglia*  
Peter Miraglia

Date: 9/1/09

United States of America )  
State of MASSACHUSETTS ) ss.:  
County of MIDDLESEX )

On this 1<sup>ST</sup> day of SEPTEMBER, 2009, before me personally came Peter Miraglia, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Maryann Bertilla Pinto*  
Notary Public

