

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Matthew S. Bottkol</td> <td>10/20/2011</td> </tr> <tr> <td>Richard D. Elliott</td> <td>10/14/2011</td> </tr> <tr> <td>Michael Y. Feng</td> <td>10/14/2011</td> </tr> <tr> <td>Thomas F. Marinis</td> <td>10/17/2011</td> </tr> <tr> <td>Michael F. McManus</td> <td>10/20/2011</td> </tr> <tr> <td>Shan Mohiuddin</td> <td>10/13/2011</td> </tr> <tr> <td>Peter G. Sherman</td> <td>10/18/2011</td> </tr> </tbody> </table>		Name	Execution Date	Matthew S. Bottkol	10/20/2011	Richard D. Elliott	10/14/2011	Michael Y. Feng	10/14/2011	Thomas F. Marinis	10/17/2011	Michael F. McManus	10/20/2011	Shan Mohiuddin	10/13/2011	Peter G. Sherman	10/18/2011
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Peter G. Sherman	10/18/2011																
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																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13194574</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13194574												
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Application Number:	13194574																
CORRESPONDENCE DATA																	
Fax Number:	(617)523-1231																
Phone:	6175701000																
Email:	dbridges@goodwinprocter.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Goodwin Procter LLP																
Address Line 1:	53 State Street																
Address Line 4:	Boston, MASSACHUSETTS 02109																
ATTORNEY DOCKET NUMBER:	DPL-162																

OP \$40.00 13194574

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PATENT
 REEL: 027272 FRAME: 0038

NAME OF SUBMITTER:

Suhrid A. Wadekar

Total Attachments: 10

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Matthew S. Bottkol; Richard D. Elliott; Michael Y. Feng; Thomas F. Marinis; Michael F. McManus; Shan Mohiuddin; and Peter G. Sherman; (hereinafter referred to as Assignors), residing at 69 Dartmouth Street, Boston, Massachusetts 02116; 50 Maple Street, Stoneham, Massachusetts 02180; 17 Hinds Road, Winchester, Massachusetts 01890; 45 Hermon Avenue, Haverhill, Massachusetts 01832; 27 Indian Path Road, Halifax, Massachusetts 02338; 437 D. Street, #6G, Boston, Massachusetts 02210; and 45 Fayette Street, Apt. #1, Cambridge, Massachusetts 02139, respectively;

WHEREAS, Assignors, along with John E. Pritchett, Jeffrey W. Warren, and Charles H. Lange, have invented certain new and useful improvements in INERTIAL MEASUREMENT SYSTEMS, AND METHODS OF USE AND MANUFACTURE THEREOF, set forth in a Patent application for Letters Patent of the United States, already filed on July 29, 2011 as U.S. Application No. 13/194,574; 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 the entire right, 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, the 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 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 sole 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.

Matthew S. Bottkol

Matthew S. Bottkol

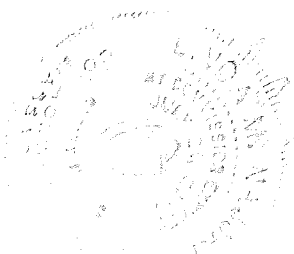
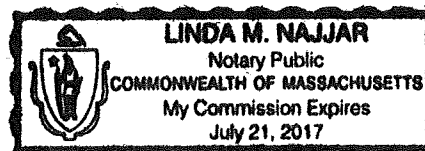
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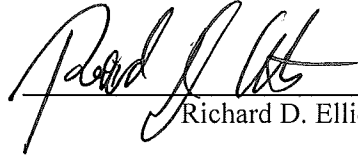
United States of America)
State of Massachusetts) ss.:
County of Middlesex)

On this 20th day of October, 2011, before me personally came Matthew S. Bottkol, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda M. Najjar

Notary Public



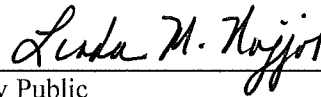


Richard D. Elliott

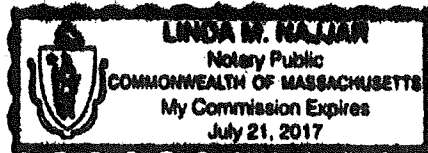
Date: October 14, 2011

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

On this 14th day of October, 2011, before me personally came Richard D. Elliott, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



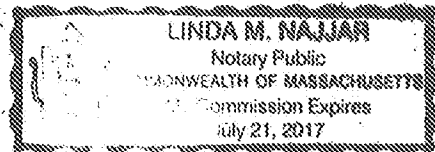
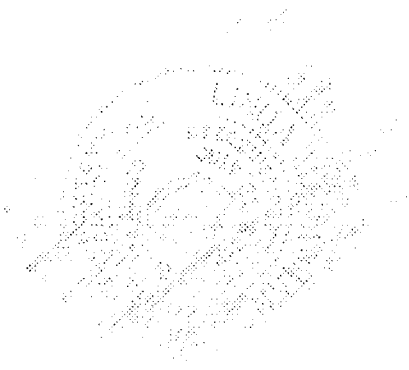
Michael Y. Feng
Michael Y. Feng

Date: October 14, 2011

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

On this 14th day of October, 2011, before me personally came Michael Y. Feng, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda M. Najjan
Notary Public



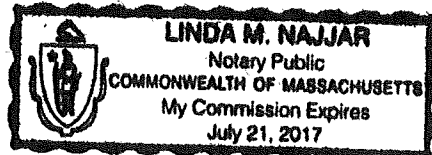
Thomas F. Marinis
Thomas F. Marinis

Date: October 17, 2011

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

On this 17th day of October, 2011, before me personally came Thomas F. Marinis, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda M. Najjar
Notary Public



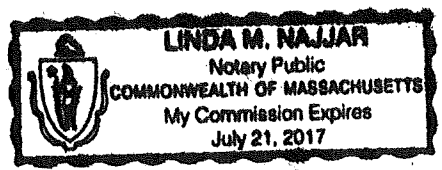
Michael F. McManus
Michael F. McManus

Date: October 20, 2011

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

On this 20th day of October, 2011, before me personally came Michael F. McManus, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda M. Najjar
Notary Public



Shan Mohiuddin

Shan Mohiuddin

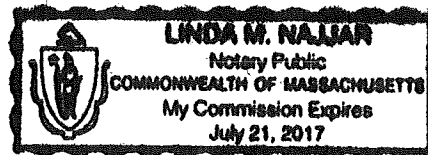
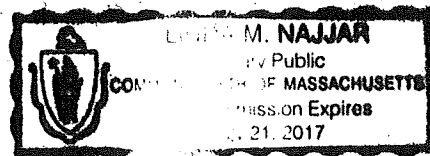
Date: October 13, 2011

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

On this 13th day of October, 2011, before me personally came Shan Mohiuddin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda M. Najjar

Notary Public



Peter G. Sherman
Peter G. Sherman

Date: October 18, 2011

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

On this 18th day of October, 2011, before me personally came Peter G. Sherman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda M. Najjar
Notary Public

