

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jonathan J. Bernstein	09/19/2011
Brain R. Smith	09/19/2011
Thomas E. Boydston	09/19/2011
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	
Property Type	Number
Application Number:	13185866
CORRESPONDENCE DATA	
Fax Number:	(617)523-1231
Phone:	617-570-1000
Email:	dracicot@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:	Diane Racicot
Address Line 1:	53 State Street
Address Line 4:	Boston, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	DPL-160
NAME OF SUBMITTER:	Jeffrey R. Rummler
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

OP \$40.00 13185866

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jonathan J. Bernstein; Brian R. Smith; and Thomas E. Boydston (hereinafter referred to as Assignors), residing at 8 Kenney Road, Medfield, Massachusetts 02052; 174 Elm Street N #2, Cambridge, Massachusetts 02140; and 629 Highland Ave., Malden, Massachusetts 02148, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in INTERCONNECT SCHEMES, AND MATERIALS AND METHODS FOR PRODUCING THE SAME, set forth in a Patent application for Letters Patent of the United States, already filed on July 19, 2011 as U.S. Application No. 13/185,866; 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.

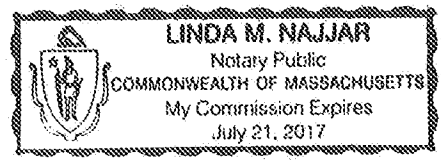
Jonathan J. Bernstein
Jonathan J. Bernstein

Date: September 19, 2011

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

On this 19th day of September, 2011, before me personally came Jonathan J. Bernstein, 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



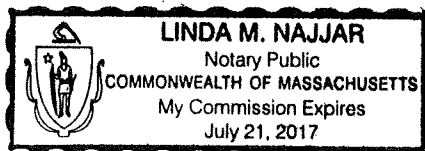
Brian R. Smith
Brian R. Smith

Date: September 19, 2011

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

On this 19th day of September, 2011, before me personally came Brian R. Smith, 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



Thomas E. Boydston

Thomas E. Boydston

Date: September 19, 2011

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

On this 19th day of September, 2011, before me personally came Thomas E. Boydston, 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

