

PATENT ASSIGNMENT

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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>Amy E. Duwel</td><td>11/10/2011</td></tr><tr><td>Jason O. Fiering</td><td>11/09/2011</td></tr><tr><td>Douglas W. White</td><td>11/09/2011</td></tr><tr><td>Brian R. Smith</td><td>11/15/2011</td></tr></tbody></table>		Name	Execution Date	Amy E. Duwel	11/10/2011	Jason O. Fiering	11/09/2011	Douglas W. White	11/09/2011	Brian R. Smith	11/15/2011
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>The Charles Stark Draper Laboratory, Inc.</td></tr><tr><td>Street Address:</td><td>555 Technology Square</td></tr><tr><td>City:</td><td>Cambridge</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02139-3563</td></tr></table>		Name:	The Charles Stark Draper Laboratory, Inc.	Street Address:	555 Technology Square	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139-3563
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CORRESPONDENCE DATA											
Fax Number: (617)523-1231											
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Email: mhutchinson@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											
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Address Line 4: Boston, MASSACHUSETTS 02109											
NAME OF SUBMITTER:	Kenneth E. Radcliffe										
Total Attachments: 6 source=DPL-131CPAssignment#page1.tif source=DPL-131CPAssignment#page2.tif source=DPL-131CPAssignment#page3.tif source=DPL-131CPAssignment#page4.tif source=DPL-131CPAssignment#page5.tif source=DPL-131CPAssignment#page6.tif											

OP \$40.00 13252695

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PATENT
REEL: 027309 FRAME: 0773

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Amy E. Duwel; Jason O. Fiering; Douglas W. White; and Brian R. Smith (hereinafter referred to as Assignors), residing at One Fort Washington Place, Cambridge, Massachusetts 02139; 300 Summer Street #38, Boston, Massachusetts 02210; 149 Pleasant Street, Lexington, Massachusetts 02421; and 174 Elm Street N #2, Cambridge, Massachusetts 02140, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in FLUIDIC CONSTRUCTS FOR ELECTRONIC DEVICES, set forth in a Patent application for Letters Patent of the United States, already filed on October 4, 2011 as U.S. Application No. 13/252,695; 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.

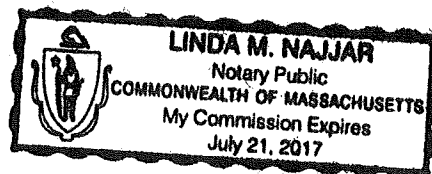
Amy E. Duwel
Amy E. Duwel

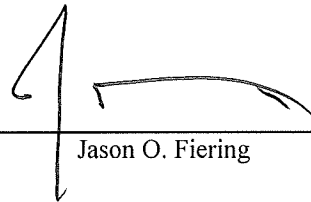
Date: November 10, 2011

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

On this 10th day of November, 2011, before me
personally came Amy E. Duwel, 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



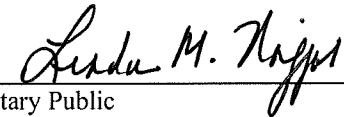


Jason O. Fiering

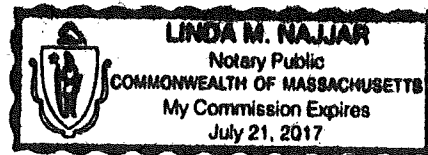
Date: November 9, 2011

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

On this 9th day of November, 2011, before me
personally came Jason O. Fiering, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Notary Public



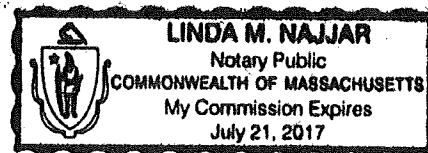
Douglas W. White
Douglas W. White

Date: November 9, 2011

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

On this 9th day of November, 2011, before me
personally came Douglas W. White, 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: November 15, 2011

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

On this 15th day of November, 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

