

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Maurice Samuel Karpman	05/20/2013
RECEIVING PARTY DATA	
Name:	The Charles Stark Draper Laboratory, Inc.
Street Address:	555 Technology Square
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13488804
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	D2050-701220
NAME OF SUBMITTER:	Sarah M. Gates
Signature:	/Sarah M. Gates/
Date:	09/20/2013
Total Attachments: 3 source=D2050-701220 Assignment#page1.tif source=D2050-701220 Assignment#page2.tif source=D2050-701220 Assignment#page3.tif	

CH \$40.00 13488804

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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned **Maurice Samuel Karpman of Brookline, MA** hereby:

Sell, assign and transfer to **The Charles Stark Draper Laboratory, Inc.**, a Nonprofit Corporation of Massachusetts having a place of business at **555 Technology Square, Cambridge, MA 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 executed on even date herewith and filed in the United States Patent and Trademark Office on:

June 5, 2012

ENTER FILING DATE ABOVE

under Application Serial No. 13/488,804 and
titled **THREE DIMENSIONAL MICROELECTRONIC COMPONENTS AND FABRICATION
METHODS FOR SAME,**

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 in the United States Patent and Trademark Office on May 23, 2012 under Application Serial No. 13/478,257 and entitled **THREE DIMENSIONAL MICROELECTRONIC COMPONENTS AND FABRICATION METHODS FOR SAME**, 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, we 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 us 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 us and that full right to convey the same as herein expressed is possessed by us.

5/20/2013
Date

Maurice Samuel Karpman
Maurice Samuel Karpman

Witnessed by:

Dated: 5/20/13

[Signature]

Dated: 5/20/13

Leido M. Rojas

By: The Charles Stark Draper Laboratory, Inc.

5/20/13
Date

Melinda Brown
Signature

Melinda Brown
Printed Name of Signor

General Counsel
Title/Authority of Signor

Witnessed by:

Dated: 5/20/13

Linda Kojan

Dated: 5/20/13

Mark R. King