

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6328509

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|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                            |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                |
| <b>CONVEYING PARTY DATA</b>   |   |
|   |   |
| <b>Name</b>   | <b>Execution Date</b>                     |
| MICHAEL G. MOEBIUS  | 09/24/2020                                |
| STEVEN J. SPECTOR   | 09/23/2020                                |
| EUGENE H. COOK  | 09/23/2020                                |
| JONATHAN J. BERNSTEIN   | 09/23/2020                                |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | THE CHARLES STARK DRAPER LABORATORY, INC. |
| <b>Street Address:</b>  | 555 TECHNOLOGY SQUARE                     |
| <b>City:</b>  | CAMBRIDGE                                 |
| <b>State/Country:</b>   | MASSACHUSETTS                             |
| <b>Postal Code:</b>   | 02139                                     |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
|   |   |
| <b>Property Type</b>  | <b>Number</b>                             |
| <b>Application Number:</b>  | 16586249                                  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (617)443-0004                             |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
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| <b>Correspondent Name:</b>  | ARNE HANS                                 |
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| <b>Address Line 4:</b>  | BOSTON, MASSACHUSETTS 02110-2321          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 3898/1169                                 |
| <b>NAME OF SUBMITTER:</b>   | ARNE HANS                                 |
| <b>SIGNATURE:</b>   | /Arne Hans, #72,846/                      |
| <b>DATE SIGNED:</b>   | 09/30/2020                                |
| <b>Total Attachments: 3</b>   |   |
| source=ram3898_1169_Assignment#page1.tif  |   |
| source=ram3898_1169_Assignment#page2.tif  |   |



ASSIGNMENT

ASSIGNORS: **Michael G. Moebius**  
**Steven J. Spector**  
**Eugene H. Cook**  
**Jonathan J. Bernstein**

ASSIGNEE: The Charles Stark Draper Laboratory, Inc.  
555 Technology Square  
Cambridge, MA 02139

STATE OF  
INCORPORATION OF  
ASSIGNEE: Massachusetts

TITLE: Optical Switch Controllable by Vertical Motion MEMS Structure

ATTORNEY DOCKET: 3898/1169

DRAPER REF. NO.: CSDL.7131.US.00

APPLICATION NO.: 16/586,249

FILING DATE: September 27, 2019

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications; and Assignee accepts that assignment.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues, extensions, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will,

without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

Each Assignor hereby authorizes and requests Sunstein LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

Each Assignor and Assignee agree that this instrument may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall constitute one and the same agreement; and that an original signature or a copy thereof transmitted by facsimile or by PDF shall constitute an original signature for purposes of this instrument.

\* \* \* \* \*

[Signature pages follow]

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below opposite such Assignor's signature.

ASSIGNORS

Date: 09/24/2020 | 1:33 PM EDT

DocuSigned by:  
*Michael G. Moebius*  
C8BB5257217C42D...

**Michael G. Moebius, Assignor**

Date: 09/23/2020 | 3:15 PM EDT

DocuSigned by:  
*Steven Spector*  
968F820588BA42B...

**Steven J. Spector, Assignor**

Date: 09/23/2020 | 2:06 PM EDT

DocuSigned by:  
*Eugene Cook*  
FC866D51F43B4E9...

**Eugene H. Cook, Assignor**

Date: 09/23/2020 | 2:32 PM EDT

DocuSigned by:  
*Jonathan Bernstein*  
61880DD038441BC...

**Jonathan J. Bernstein, Assignor**