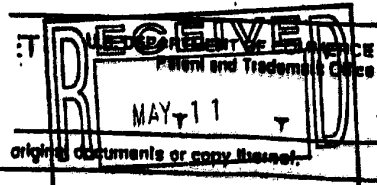


05-19-1999



Tab settings

101040676

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):
Optical Micro Machines, Inc.

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **4-5-99**

2. Name and address of receiving party(ies):
Name: **SILICON VALLEY BANK**
Internal Address: **Attn: Loan Documentation Group**

Street Address: _____
3003 Tasman Drive

City: **Santa Clara** State: **CA** ZIP: **95054**

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/063,644

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **SILICON VALLEY BANK**
Internal Address: _____
Attn: Loan Documentation Group

09/18/1999 JSH/BAZZ 00000153 09063644
01 FC:581 40.00-UP

Street Address: _____
3003 Tasman Drive

City: **Santa Clara** State: **CA** ZIP: **95054**

6. Total number of applications and patents involved: **7**

7. Total fee (37 CFR 3.41).....\$ **40-**

Enclosed - CHECK NO. **7920**
 Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

MAGGIE GARCIA *Maggie Garcia* **5-5-99**
Name of Person Signing Signature Date

JMH/12 Total number of pages including cover sheet, attachments, and documents: **7**

REEL: 009949 FRAME: 0350

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of April 5, 1999 by and between SILICON VALLEY BANK ("Bank") and OPTICAL MICRO MACHINES, INC. ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated April 5, 1999 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works to secure the obligations of Grantor under the Loan Agreement. Capitalized terms used but not otherwise defined herein shall have the same meaning as in the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those Copyrights, Patents, Trademarks and Mask Works listed on Schedules A, B, C, and D hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have cause this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

PATENT

" REEL: 009949 FRAME: 0351

Address of Grantor:

6160 Lusk Blvd., Suite C105
San Diego, CA 92121

Attn: AVIS HUSAIN

Address of Bank:

5414 Oberlin Drive, Ste. 230
San Diego, CA 92121

Attn: _____

GRANTOR:

OPTICAL MICRO MACHINES, INC.

By: *Ami Yasa*

Title: President/CEO

BANK:

SILICON VALLEY BANK

By: *[Signature]*

Title: VP

EXHIBIT A

Copyrights

Description

**Registration/
Application
Number**

**Registration/
Application
Date**

PATENT
REEL: 009949 FRAME: 0353

05/05/99

09:53

NO. 641 002

EXHIBIT B

Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Micromachined Optomechanical Switches	US 09/063,644	4/20/98

PATENT
REEL: 009949 FRAME: 0354

EXHIBIT C

Trademarks



Description

Registration/
Application
Number

Registration/
Application
Date

PATENT

REEL: 009949 FRAME: 0355

EXHIBIT D

Mask Works

Description

Registration/
Application/
Number

Registration/
Application
Date

RECORDED: 05/11/1999

PATENT
* REEL: 009949 FRAME: 0356