

05-14-2001

5-7-01



101716591
RECORDATION FORM COVER SHEET
TRADEMARKS ONLY

5-7-01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID #
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment License
- Security Agreement Nunc Pro Tunc Assignment
- Merger Effective Date
Month Day Year
- Change of Name
- Other

Conveying Party

Mark if additional names of conveying parties attached

Name

Execution Date
Month Day Year

Formerly

- Individual General Partnership Limited Partnership Corporation Association
- Other
- Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

- Individual General Partnership Limited Partnership If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)
- Corporation Association
- Other
- Citizenship/State of Incorporation/Organization

Refund Ref: 6TOM11 0000105137

05/14/2001 6TOM11 00000025 76111989

FOR OFFICE USE ONLY

CHECK Refund Total: \$45.00

01 FC:481 40.00 OP
02 FC:482 75.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

Registration Number(s)

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Russell D. Pollock

4/27/01

Name of Person Signing

Signature

Date Signed

INTELLECTUAL PROPERTY SECURITY AGREEMENT
(VLL2 and SVB)

This Intellectual Property Security Agreement is entered into as of March 30, 2001, by and between Venture Lending & Leasing II, Inc. ("VLL") as "Agent" for itself and Silicon Valley Bank, as Lenders party to that certain Loan Agreement (defined herein), and Matrix Semiconductor, Inc. ("Grantor").

RECITALS

- A. Lenders have agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and among Lenders, Agent and Grantor dated as of March 1, 2000 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used and not otherwise defined herein are used as defined in the Loan Agreement).
- B. Lenders are willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Lenders a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.
- C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Agent, for the benefit of Lenders, 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 and all other agreements now existing or hereafter arising between Grantor and Lenders, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Lenders and Grantor, Grantor grants and pledges to Agent, for the benefit of Lenders, a security interest in all of Grantor's right, title and interest in, to and under its intellectual property collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C 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 and all goodwill associated therewith.

This security interest is granted in conjunction with the security interest granted to Lenders under the Loan Agreement. The rights and remedies of Lenders and Agent 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 Lenders and Agent as a matter of law or equity. Each right, power and remedy of Lenders and Agent 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 Lenders or Agent 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 a Lender or Agent, of any or all other rights, powers or remedies.

Grantor represents and warrants that except for trade secrets owned by Grantor and intellectual property licensed to Grantor, Exhibits A, B, and C attached hereto set forth any and all intellectual property in which Grantor has an interest. Grantor shall register or cause to be registered on an expedited basis with the United States Patent and Trademark Office or the United States Copyright Office, as applicable, the intellectual property rights listed on

such exhibits. From time to time hereafter, Grantor shall register on an expedited basis such additional Copyrights, Patents or Trademarks developed or acquired by (but excluding that licensed to) Grantor in connection with any product prior to the sale or licensing of such product to any third party or inclusion of such product in any other product sold or licensed to any third party.

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

GRANTOR:

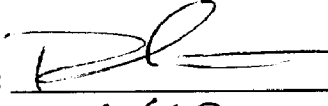
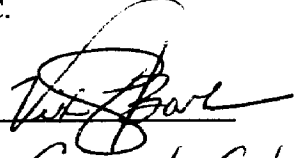
Address of Grantor:

3230 Scott Boulevard
Santa Clara, CA 95054.
Attn: Chief Financial Officer.

MATRIX SEMICONDUCTOR, INC.

By: _____

Title: _____


VP/CEO

Corporate Controller

Address of VLL:

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

VENTURE LENDING & LEASING II, INC., as Agent
for the Lenders

By: _____

Title: _____

such exhibits. From time to time hereafter, Grantor shall register on an expedited basis such additional Copyrights, Patents or Trademarks developed or acquired by (but excluding that licensed to) Grantor in connection with any product prior to the sale or licensing of such product to any third party or inclusion of such product in any other product sold or licensed to any third party.

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

GRANTOR:

Address of Grantor:

3230 Scott Boulevard
Santa Clara, CA 95054.
Attn: Chief Financial Officer.

MATRIX SEMICONDUCTOR, INC.

By: _____

Title: _____

Address of VLL:

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

VENTURE LENDING & LEASING II, INC., as Agent
for the Lenders

By:  _____

Title: SALVADOR O. GUTIERREZ
PRESIDENT

EXHIBIT A

Copyrights

Registration
Number

Registration
Date

Description

43251/0818
RDP/201010.2

TRADEMARK
REEL: 002296 FRAME: 0944

EXHIBIT B

Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Vertically stacked field programmable nonvolatile memory and method of fabrication.	6,034,882	3/7/2000
Vertically stacked field programmable nonvolatile memory and method of fabrication.	6,185,122	2/6/2001
Pending patent application.	09/748,816	12/22/2000
Pending patent application.	09/714,440	12/22/2000
Pending patent application.	09/560,626	4/28/2000
Pending patent application.	09/638,334	8/14/2000
Pending patent application.	09/638,427	8/14/2000
Pending patent application.	09/638,428	8/14/2000
Pending patent application.	09/638,439	8/14/2000
Pending patent application.	09/639,577	8/14/2000
Pending patent application.	09/639,579	8/14/2000
Pending patent application.	09/639,702	8/14/2000
Pending patent application.	09/639,749	8/14/2000
Pending patent application.	09/662,953	9/15/2000
Pending patent application.	09/748,589	9/15/2000
Pending patent application.	09/727,229	11/30/2000
Pending patent application.	09/747,574	12/22/2000
Pending patent application.	09/746,204	12/22/2000
Pending patent application.	09/746,469	12/22/2000
Pending patent application.	09/714,440	12/22/2000
Pending patent application.	09/746,083	12/22/2000
Pending patent application.	09/746,341	12/22/2000
Pending patent application.	09/948,815	12/22/2000
Pending patent application.	09/748,649	12/22/2000
Pending patent application.	09/775,761	2/2/2001
Pending patent application.	09/776,000	2/2/2001
Pending patent application.	09/776,009	2/2/2001
Pending patent application.	09/788,864	2/20/2001

EXHIBIT C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Matrix	76/111,989	8/17/2000
Matrix Memory and Design (Memory MM)	76/213,728	2/21/2001
Matrix Logo (Design only)	76/213,730	2/21/2001
Matrix	76/213,729	2/21/2001
Matrix- Japan App.	2000-090011	8/15/2000
Matrix- CTM App.	001802727	8/10/2000

43251/0818
RDP/201010.2

RECORDED: 05/07/2001

TRADEMARK
REEL: 002296 FRAME: 0946