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SHEET

U.S. DEPARTMENT OF COMMERCE

United States Patent and Trademark

103486668

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

SILICON VALLEY BANK

3003 TASMAN DRIVE

SANTA CLARA, CA. 95054

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

3. Nature of conveyance/Execution Date(s):

Execution Date: 02/29/08

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☒ Other: RELEASE

2. Name and address of receiving party(ies):

Name: Tyrx Pharma Inc

Internal Address:

Street Address: 1 Deer Park Drive Suite G

City: Monmouth Junction

State: New Jersey

Country: USA Zip: 08852

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

60/733,988 11/936,054

PCT/US06/42944 PCT/US07/61885

60/771,827 PCT/US07/83843

11/672,929 60/908,960

11/936,049 60/983,108

B. Patent No.(s)

MAR - 5 2008

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: Collateral HF154

Street Address: 3003 TASMAN DRIVE

City: SANTA CLARA

State: CA

Zip: 95054

Phone Number: (408)654-4044

Fax Number: (408)654-6313

Email Address: LLowe@svb.com

6. Total number of applications and patents involved: 10

7. Total fee (37 CFR 1.21 (h) & 3.41) \$400.00

☐ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☒ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number

Authorized User Name

9. Signature:

Signature

03/05/2008 NJANA1 00000078 60733988

01 FC:0021

2/29/08

Date

400.00 00

LLowe

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 020616 FRAME: 0304

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of the Effective Date by and between SILICON VALLEY BANK ("Bank") and TyRx Pharma, 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 the Effective Date (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.

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 Collateral (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 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 other rights, powers or remedies.

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.

PATENT

REEL: 020616 FRAME: 0305

GRANTOR:

TYRX PHARMA, INC.

By: 

Title: CEO

Address of Grantor:

1 Deer Park Drive, Suite G
Monmouth Junction, New Jersey 08852

Attn: _____

BANK:

SILICON VALLEY BANK

Address of Bank:

3003 Tasman Drive
Santa Clara, CA 95054-1191

Attn: _____

By: _____

Title: _____

PATENT

REEL: 020616 FRAME: 0306

GRANTOR:

TYRX PHARMA, INC.

Address of Grantor:

1 Deer Park Drive, Suite G
Monmouth Junction, New Jersey 08852

By: _____
Title: _____

Attn: _____

BANK:

SILICON VALLEY BANK

Address of Bank:

3003 Tasman Drive
Santa Clara, CA 95054-1191

By: *Travis F. Sal*
Title: DEAL TEAM LEADER

Attn: AMD

EXHIBIT A

Copyrights

Descriptions

Registration/
Application
Number

Registration
Application
Date

NONE.

PATENT

REEL: 020616 FRAME: 0308

EXHIBIT B

Patents

Description

Registration/
Application
Number

Registration
Application
Date

Attached.

PATENT

REEL: 020616 FRAME: 0309

**RELEASE OF SECURITY AGREEMENT COVERING
INTERESTS IN PATENTS**

Silicon Valley Bank ("Secured Party"), hereby releases its security interest in the interests of **Tyrx Pharma, Inc.** ("Assignor") in the **patented** works set forth in that certain **Intellectual Property Security Agreement** dated December 11, 2007, executed by Assignor in favor of Secured Party recorded with the United States Department of Commerce, Patent and Trademark Office on January 2, 2008 Reel 020308, Frame(s) 0528.

Dated: **February 29, 2008**

SILICON VALLEY BANK

By: Margaret B.
Name: M. Fujii
Title: OPS Manager