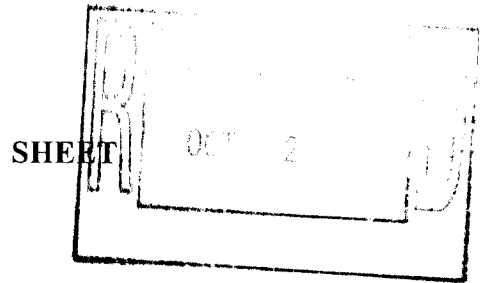


10-17-2000



ASSIGN
10-2-00

101488819
-PATENTS ONLY-



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Paul Mansky
 - b) Richard Tiede
 - c) Steve Havadtoy

2. Name and address of receiving party(ies):
 - a) Name: Symyx Technologies, Inc.
 - b) Address: 3100 Central Expressway
Santa Clara, CA 95051

3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: 9/6/2000, 9/11/200, and 9/13/2000

4. Application Number(s) or Patent Number(s): 09/593,730

The title of the (new) application is:

APPARATUS AND METHOD FOR TESTING COMPOSITIONS IN CONTACT WITH A POROUS MEDIUM

5. Please send all correspondence concerning this (these) documents to:

**Customer No. 21912
Ritter, Van Pelt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022
(650) 903-3500 (PH)
(650) 903-3501 (FX)**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. SYMXP005)

8. 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.

Date: September 22, 2000

Cindy S. Kaplan
Registration No. 40,043

10/16/2000 NTHA11 00000152 09593730
01 FC:581 40.00 DP

Attorney Docket No. SYMXP005

(Revised 01/96)

PATENT
REEL: 011151 FRAME: 0173

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

APPARATUS AND METHOD FOR TESTING COMPOSITIONS IN CONTACT WITH A POROUS MEDIUM

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on June 13, 2000, and which bears the Application No. 09/593,730.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Symyx Technologies, Inc. a Delaware corporation having a place of business at 3100 Central Expressway, Santa Clara, CA 95051, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1) Signature: *Paul Mansky*
Typed Name: **Paul Mansky**

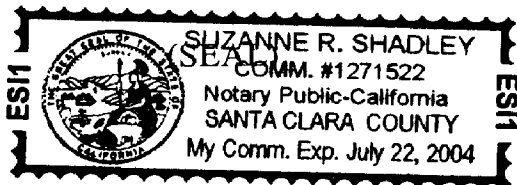
Date: 9-11-00

On this 11th day of September, in the year 2000, before me, Suzanne R. Shadley, personally appeared Paul Mansky, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/her authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature *Suzanne R. Shadley*

Atty Docket No.: SYMXP005



PATENT

REEL: 011151 FRAME: 0174

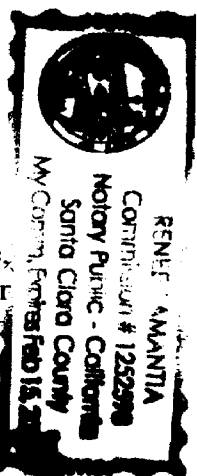
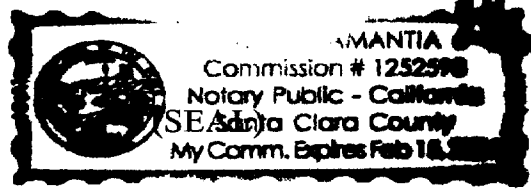
2) Signature: Richard Tiede
Typed Name: **Richard Tiede**

Date: 9-6-2000

On this 6th day of September, in the year 2000, before me, Renee Lamantia, personally appeared Richard Tiede, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Renee Lamantia



3) Signature: _____
Typed Name: **Steve Havadtoy**

Date: _____

On this _____ day of _____, in the year 2000, before me, _____, personally appeared Steve Havadtoy, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

APPARATUS AND METHOD FOR TESTING COMPOSITIONS IN CONTACT WITH A POROUS MEDIUM

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on June 13, 2000, and which bears the Application No. 09/593,730.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Symyx Technologies, Inc. a Delaware corporation having a place of business at 3100 Central Expressway, Santa Clara, CA 95051, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1) Signature: _____ Date: _____
Typed Name: Paul Mansky

On this _____ day of _____, in the year 2000, before me, _____, personally appeared Paul Mansky, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

Atty Docket No.: SYMXP005

PATENT
REEL: 011151 FRAME: 0176

2) Signature: _____
Typed Name: **Richard Tiede**

Date: _____

On this _____ day of _____, in the year 2000, before me, _____, personally appeared Richard Tiede, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

3) Signature: *Steve Havadtov*
Typed Name: **Steve Havadtov**

Date: 9/13/00

On this 13 day of SEPTEMBER, in the year 2000, before me, JOSEPH E. SKEHAN, personally appeared Steve Havadtov, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature *Joe Skehan*

(SEAL)

