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- ☒ Assignment ☐ Security Agreement
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☒ Mark if additional names of conveying parties attached

Name (line 1) Miroslav Petro

Execution Date
Month Day Year
12 13 2002

Name (line 2)

Second Party

Name (line 1) Son Hoai Nguyen

Execution Date
Month Day Year
12 23 2002

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Symyx Technologies, Inc.

Name (line 2)

Address (line 1) 3100 Central Expressway

Address (line 2)

Address (line 3) Santa Clara

CA

95051

City

State/Country

Zip Code

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Domestic Representative Name and Address

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03/11/2003 6TON11 00000117 10230863

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PATENT
REEL: 013824 FRAME: 0630

Correspondent Name and Address

Area Code and Telephone Number

704-945-6700

Name Summa & Allan, P.A.

Address (line 1) 11610 North Community House Road

Address (line 2) Suite 200, Ballantyne Corporate Park

Address (line 3) Charlotte, NC 28277

Address (line 4)

Pages

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

5

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

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

Patent Application Number(s)

10/230,863

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application
Number as not been assigned.

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

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:

50-0332

Authorization to charge additional fees:

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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.

Richard L. Additon

Name of Person Signing

Signature

March 5, 2003

Date

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CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Eric D. Carlson

Execution Date
Month Day Year
12 13 2002

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, we, **MIROSLAV PETRO**, a Slovak Republic citizen, residing at San Jose, California; **SON HOAI NGUYEN**, a Vietnamese citizen, residing at Santa Clara, California; and **ERIC D. CARLSON**, a U.S. citizen, residing at Cupertino, California, (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in **METHODS AND APPARATUS FOR CHARACTERIZATION OF POLYMERS USING MULTI-DIMENSIONAL LIQUID CHROMATOGRAPHY WITH REGULAR SECOND-DIMENSION SAMPLING**, for which an application for a United States patent was filed on August 28, 2002, under Serial No. 10/230,863; and

WHEREAS, **SYMYX TECHNOLOGIES, INC.**, a Delaware corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Santa Clara, County of Santa Clara, State of California, has acquired the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent that shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, have sold, assigned, transferred, and conveyed unto said ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, in and to said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be

granted therefor or thereon, for the full term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with international treaties and conventions, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if an assignment and sale had not been made.

We hereby request that Letters Patent be issued in accordance with this assignment, but acknowledge that said ASSIGNEE has the sole right to determine patent prosecution strategies with respect to said invention and said application.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess legal title to said invention and said application, and that we have the right and authority to make this agreement. We acknowledge, however, that at the time the invention was made, the invention was subject to an obligation of assignment to said ASSIGNEE.

We further covenant and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said ASSIGNEE or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers, including but not limited to, declarations and assignments, that may be requested to confirm the right of said ASSIGNEE, its representatives, successors, or assigns to secure patent or similar protection for said invention in all countries and to vest

in said ASSIGNEE complete title to said invention and Letters Patent, without further compensation, but at the expense of said ASSIGNEE, its successors, assigns, or other legal representatives.

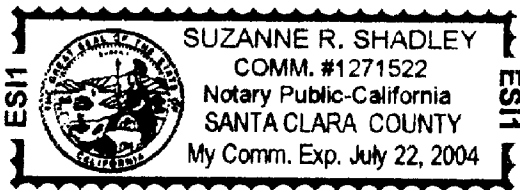
IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Executed this 15 day of December, 2002.

Miroslav Petro
MIROSLAV PETRO

STATE OF CALIFORNIA
COUNTY OF SANTA CLARA

Before me personally appeared said **MIROSLAV PETRO**, and acknowledged the foregoing instrument to be his free act and deed this 13th day of December, 2002.



Suzanne R. Shadley
Notary Public

My commission expires: July 22, 2004 S E A L

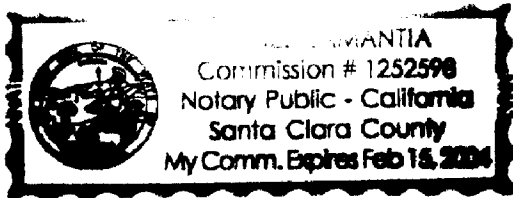
IN WITNESS WHEREOF, I have hereunto signed my name on
the day and year set forth below.

Executed this 23 day of December, 2002.

Son Hoai Nguyen
SON HOAI NGUYEN

STATE OF CALIFORNIA
COUNTY OF SANTA CLARA

Before me personally appeared said **SON HOAI NGUYEN**,
and acknowledged the foregoing instrument to be his free
act and deed this 23rd day of December,
2002.



Rosalia Lamminta
Notary Public

My commission expires: Feb 15, 2004 S E A L

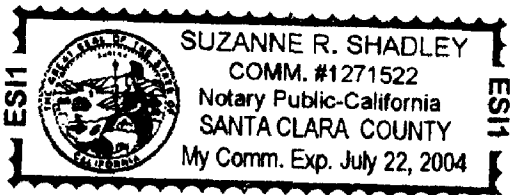
IN WITNESS WHEREOF, I have hereunto signed my name on
the day and year set forth below.

Executed this 13 day of December, 2002.

Eric D. Carlson
ERIC D. CARLSON

STATE OF CALIFORNIA
COUNTY OF SANTA CLARA

Before me personally appeared said **ERIC D. CARLSON**,
and acknowledged the foregoing instrument to be his free
act and deed this 13th day of December,
2002.



Suzanne R. Shadley
Notary Public

My commission expires: July 22, 2004 S E A L

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