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<th>Conveying Party(ies)</th>
<th>Executed Date</th>
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<tr>
<td>Name (line 1) Miroslav Petro</td>
<td>12 13 2002</td>
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<tr>
<td>Name (line 2)</td>
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</tr>
<tr>
<td><strong>Second Party</strong></td>
<td></td>
</tr>
<tr>
<td>Name (line 1) Son Hoai Nguyen</td>
<td>12 23 2002</td>
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<tr>
<td>Name (line 2)</td>
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<tr>
<td>Name (line 1) Symyx Technologies, Inc.</td>
<td></td>
</tr>
<tr>
<td>Name (line 2)</td>
<td></td>
</tr>
<tr>
<td>Address (line 1) 3100 Central Expressway</td>
<td></td>
</tr>
<tr>
<td>Address (line 2)</td>
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</tr>
<tr>
<td>Address (line 3) Santa Clara CA 95051</td>
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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231
**Correspondent Name and Address**

- **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)**

- **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): 

**Patent Cooperation Treaty (PCT)**

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

**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 Number**: # 50-0332

- **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.

- **Richard L. Additon**
- **Signature**: [Signature]
- **Date**: March 5, 2003
Conveying Party(ies)

Enter additional Conveying Party

Name (line 1) Eric D. Carlson

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Receiving Party(ies)

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Application Number(s) or Patent Number(s)

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 MULTIDIMENSIONAL 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

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

Executed this 23 day of December, 2002.

[Signature]
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.

[Notary seal and signature]
Renee Lucantia
Notary Public

My commission expires: Feb 15, 2004

SEAL
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

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
COMM. #1271522
Notary Public-California
SANTA CLARA COUNTY
My Comm. Exp. July 22, 2004

My commission expires: July 22, 2004

Seal