

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Miroslav Petro</td> <td>07/20/2007</td> </tr> <tr> <td>Thomas McWaid</td> <td>07/20/2007</td> </tr> <tr> <td>Li Song</td> <td>07/20/2007</td> </tr> <tr> <td>Yan Ying Chan</td> <td>07/25/2007</td> </tr> </tbody> </table>		Name	Execution Date	Miroslav Petro	07/20/2007	Thomas McWaid	07/20/2007	Li Song	07/20/2007	Yan Ying Chan	07/25/2007
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Symyx Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>415 Oakmead Parkway</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94085</td> </tr> </table>		Name:	Symyx Technologies, Inc.	Street Address:	415 Oakmead Parkway	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (908)730-3649</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 908-730-3605</p> <p>Email: kimberly.m.shapiro@exxonmobil.com</p> <p>Correspondent Name: ExxonMobil Research and Engineering Co.</p> <p>Address Line 1: 1545 Route 22 East</p> <p>Address Line 2: P.O. Box 900</p> <p>Address Line 4: Annandale, NEW JERSEY 08801-0900</p>											
ATTORNEY DOCKET NUMBER:	2007EM175-US2										
NAME OF SUBMITTER:	Bruce M. Bordelon										
Total Attachments: 5											

CH \$40.00 11980156

**501324402**

**PATENT**  
**REEL: 025160 FRAME: 0470**

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**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Miroslav Petro residing at San Jose, California, Thomas McWaid residing at Fremont, California, Li Song residing at Santa Clara, California, and Yan Ying Chan residing at Mountain View, California, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention:           Reduction of Conradson Carbon Residue and Average Boiling Points Utilizing High Pressure Ultrafiltration

and

WHEREAS, **Symyx Technologies, Inc.**, a Delaware corporation, located at 415 Oakmead Parkway, Sunnyvale, California 94085, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 7/20/07

Miroslav Petro

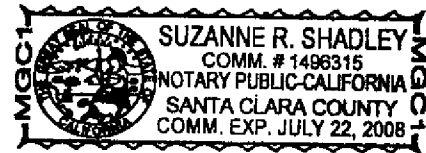
Miroslav Petro

STATE OF California  
COUNTY OF Santa Clara

On July 20, 2007, before me, Suzanne R. Shadley, Notary Public, personally appeared Miroslav Petro personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~y~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley



(Seal)

Date: 7/20/07

Thomas McWaid  
Thomas McWaid

STATE OF California  
COUNTY OF Santa Clara

On July 20, 2007, before me, Suzanne R. Shadley, Notary Public, personally appeared **Thomas McWaid** personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley



(Seal)

Date: 7/20/2007

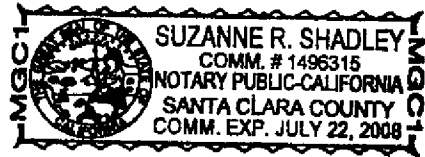
Li Song  
Li Song

STATE OF California  
COUNTY OF Santa Clara

On July 20, 2007, before me, Suzanne R. Shadley, Notary Public, personally appeared Li Song personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley

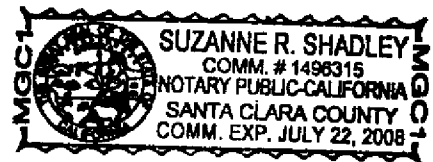


(Seal)

Date: 25 July 2007  
Yan Ying ChanSTATE OF California  
COUNTY OF Santa Clara

On July 26, 2007, before me, Suzanne R. Shadley, Notary Public,  
personally appeared Yan Ying Chan personally known to me (~~or proved to me on the basis of satisfactory~~  
~~evidence~~) to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged  
to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~  
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley

(Seal)