



Symyx

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SYMYX TECHNOLOGIES

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February 22, 1999

VIA EXPRESS MAIL

Assistant Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

Express Mail No. EJ314819915US
Date of Deposit: February 22, 1999

Re: Recordation of Assignment

Dear Sir:

Please record the attached original assignment document.

- 1 Name of conveying party: Yumin Liu
- 2 Name and Address of Receiving Party: Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, CA 95051
- 3 Nature of Conveyance: Assignment executed on February 22, 1999
- 4 This document is being filed together with a new utility patent application.
- 5 Correspondence address: Ronald A. Krasnow
Symyx Technologies, Inc.
3100 Central Expressway
Santa Clara, CA 95051
- 6 Total number of applications involved = 1
- 7 Total fee: \$40. Please charge deposit account 50-0496 for this fee. A duplicate copy of this cover letter is enclosed.

03/03/1999 SBURNS 00000037 500496 09255384
01 FC:581 40.00 CH

PATENT
REEL: 9785 FRAME: 0941

February 22, 1999

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

The total number of pages, including cover letter and assignment is three.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Ronald A. Krasnow". The signature is fluid and cursive, with a long horizontal stroke at the end.

Ronald A. Krasnow
Registration No. 33,321

Enclosure

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Yumin Liu at 180 Kiely Blvd., Apt. D., Santa Clara, California 95051, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: Catalysts for Oxidative Dehydrogenation

Filing Date: Even Date Herewith _____ Application No. _____; and

WHEREAS, Symyx Technologies, Inc., a Delaware corporation, having a principal place of business at 3100 Central Expressway, Santa Clara, California 95051, 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 Assignor, Assignor has 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.

Assignor further agrees that he 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, Assignor has signed his name on the date indicated.

Date: 2/22/99

[Signature of Yumin Liu]
Yumin Liu

STATE OF California
COUNTY OF Santa Clara

On February 22, 1999, before me, Melissa D'Antonio, Notary Public, personally appeared Yumin Liu, 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 executed the same in his authorized capacity, and that by his 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

Signature [Signature of Melissa D'Antonio] (Seal)

