



D \$

08-08-2001

ASSIGNMENT



T

101804254

To: Honorable Commissioner of Patents and Trademarks:

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

1. Name of conveying party(ies)
a) Xiao Ping Zhou
b) Sam Bergh
c) Chris Dube
d) Lynn Van Erden
2. Name and address of receiving party(ies):
a) Name: Symyx Technologies, Inc.
b) Address: 3100 Central Expressway
Santa Clara, CA 95051

08/02/01

3. Nature of conveyance



Assignment



Security Agreement



Other



Merger



Change of Name



License Agreement

Execution Date: 7/10/01, 7/18/01, 7/10/01, 7/3/01 respectively

4. Application Number(s) or Patent Number(s):

The title of the (new) application is:

PARALLEL REACTOR WITH KNIFE-EDGE SEAL

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

Customer No. 26541
Ritter, Lang & Kaplan LLP
12930 Saratoga Ave., Suite D1
Saratoga, CA 95070
(408) 446-8690 (PH)
(408) 446-8691 (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. 50-1652 (Order No. SYMXP001)

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: July 30, 2001

Cindy S. Kaplan
Registration No. 40,043

08/08/2001 DBYRHE

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40.00 00

Attorney Docket No. SYMXP001

(Revised 01/96)

PATENT
REEL: 012038 FRAME: 0607

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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

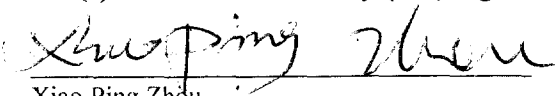
PARALLEL REACTOR WITH KNIFE-EDGE SEAL

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 October 17, 2000, and which bears the Application No. 09/691,421.

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 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.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|---|----------------------|
| 1) | Signature: <u></u> | Date: <u>3/10/01</u> |
| | Typed Name: Xiao Ping Zhou | |
| 2) | Signature: _____ | Date: _____ |
| | Typed Name: Sam Bergh | |
| 3) | Signature: _____ | Date: _____ |
| | Typed Name: Chris Dube | |
| 4) | Signature: _____ | Date: _____ |
| | Typed Name: Lynn Van Erden | |

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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- | | | |
|----|--|-----------------|
| 1) | Signature: _____
Typed Name: Xiao Ping Zhou | Date: _____ |
| 2) | Signature: _____
Typed Name: Sam Bergh | Date: 7/18/2001 |
| 3) | Signature: _____
Typed Name: Chris Dube | Date: _____ |
| 4) | Signature: _____
Typed Name: Lynn Van Erden | Date: 7-3-01 |

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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| 3) | Signature: 
Typed Name: Chris Dube | Date: 7/10/01 |
| 4) | Signature: _____
Typed Name: Lynn Van Erden | Date: _____ |

Atty Dkt. No. SYMXP001

RECORDED: 08/02/2001

PATENT
REEL: 012038 FRAME: 0610