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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

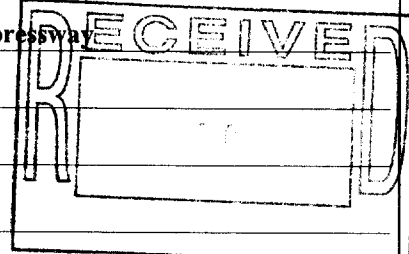
Youqi Wang;
Xin Di Wu

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: Symyx Technologies

Address: 3100 Central Expressway



City: Santa Clara State/Prov.: CA

Country: USA ZIP: 95051

Additional name(s) & address(es) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: March 10, 1999 and March 12, 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No. Filing date

09/237,502 January 26, 1999

B. Patent No.(s)

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy W. Lohse

Registration No. 35,255

Address: Gray Cary Ware & Freidenrich

400 Hamilton Avenue

City: Palo Alto State/Prov.: CA

Country: USA ZIP: 94301-1825

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

07-1896

05/28/1999 VBRUNN 00000117 071896 09237502

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9. 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.

Timothy W. Lohse

Name of Person Signing

Timothy Lohse

Signature

May 17, 1999

Date

Total number of pages including cover sheet, attachments, and

4

ASSIGNMENT

WHEREAS, Youqi Wang and Xin Di Wu, have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled PROGRAMMABLE FLUX GRADIENT APPARATUS FOR CO-DEPOSITION OF MATERIALS ONTO A SUBSTRATE, the specification of which was filed as application serial no. 09/237,502 on January 26, 1999.

WHEREAS, Symyx Technologies, Inc., a corporation of the state of Delaware, whose address is 3100 Central Expressway, Santa Clara, California 95051, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title, and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as Assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

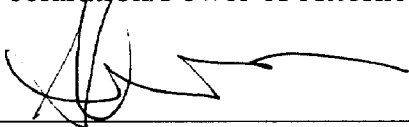
4. Warrant that I have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications

and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

Date I Executed Declaration/Power of Attorney in this Application: March 10, 1999




Youqi Wang

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On March 10, 1999 before me, Melissa D'Antonio,

Notary Public, personally appeared Youqi Wang, personally known or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed tot he within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her 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.



Notary Public



IN WITNESS WHEREOF:

Date I Executed Declaration/Power of Attorney in this Application: 3/12, 1999

Xin Di Wu
Xin Di Wu

STATE OF CALIFORNIA)
COUNTY OF Santa Clara SS.

On March 12, 1999 before me, Melissa D'Antonio,

Notary Public, personally appeared Xin Di Wu, personally known or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed tot he within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her 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

Melissa D'Antonio

Notary Public

