

08-27-2001



SHEET

Patent and Trademark Office  
Docket No. 471842000200

101823256

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

## 1. Name of conveying party(ies):

Xiaobo WANG (3/2/01)

Jing CHENG (2/27/01)

Lei WU (3/2/01)

Junquan XU (3/2/01)

- ☒ Individual(s)      ☐ Association  
☐ General Partnership      ☐ Limited Partnership  
☐ Corporation-State      ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

1. Name: Aviva Biosciences Corporation

Street Address: 11568-9 Sorrento Valley Road

City: San Diego, State: CA ZIP: 92121

2. Name: Tsinghua University

Beijing, People's Republic of China 100084

3. Name: Capital Biochip Corporation

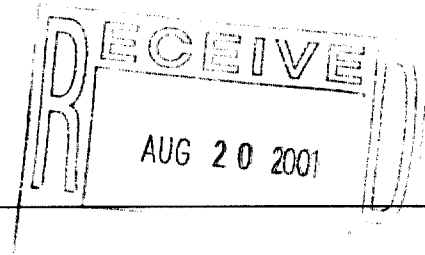
Beijing, People's Republic of China 10084

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other:

Execution Date: See above



## 4. Application number(s) or patent number(s):

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

A. Patent Application No.(s) 09/679,023

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Peng Chen  
Morrison & Foerster LLP  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 C.F.R. § 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account,  
referencing Attorney Docket 471842000200

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952, ref docket no. 471842000200.

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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.

Name: Peng Chen  
Registration No: 43,543

Signature

Date

Total number of pages comprising cover sheet, attachments and document: -4-

Mail documents to be recorded with required cover sheet information to:

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sd-52749

PATENT  
REEL: 012106 FRAME: 0802

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Xiaobo Wang, residing at 11684 Springside Road, San Diego, California 92128; Jing Cheng, residing at 4-204, No. 1 Bldg., PuJi Yuan, Tsinghua University, Beijing, China 100084; Lei Wu, residing at 14021 Capewood Lane, San Diego, California 92128; and Junquan Xu, residing at No. 155 East Street, Cheng Xian District, Fujian, China 351100 (hereinafter referred to as the assignors), respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in APPARATUSES AND METHODS FOR FIELD FLOW FRACTIONATION OF PARTICLES USING ACOUSTIC AND OTHER FORCES, set forth in an application for Letters Patent of the United States bearing Serial No. 09/679,023 and filed on October 4, 2000; and

WHEREAS, AVIVA Biosciences Corporation, a corporation duly organized under and pursuant to the laws of the State of California, having its principal place of business at 11568-9 Sorrento Valley Road, San Diego, California 92121 ("AVIVA"), and Tsinghua University, an entity of the People's Republic of China, having its principal place of business at Beijing China 100084 ("Tsinghua"); and Capital Biochip Corporation, a corporation of the People's Republic of China, having its principal place of business at Beijing, China 100084 ("Capital Biochip") (hereinafter collectively referred to as the assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto said AVIVA, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries except the People's Republic of China which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said AVIVA, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto said Tsinghua and Capital Biochip, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the People's Republic of China which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents in the People's Republic of China, the same to be held and enjoyed by said Tsinghua and Capital Biochip for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

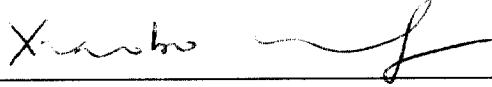
AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignees, its successors, legal representatives and assigns, but at the cost and expense of said assignees, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignees as the assignees of said inventions and the Letters Patent to be issued thereon for the sole use of said assignees, its successors, legal representatives and assigns.

03/02/01

Date

Xiaobo Wang

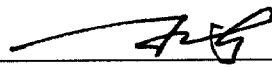


Junquan Xu 3/2/01

2/27/01

Date

Jing Cheng



Xiaobo Wang 02/27/01

3/2/01

Date

Lei Wu



Ming 3/2/01

3/2/01

Date

Junquan Xu

Junquan Xu

Xiaobo Wang 03/02/01