06-27-2002

R SHEET

Patent and Trademark Office Docket No. 471842000520

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| To the Commissioner of Patents and Trademarks: Please record the attached original documents or copythereof. | | |
| 1. Name of conveying party(ies): Mingxian HUANG; Lei WU; Xiabo WANG; Junquan XU; Guo Liang TAO; and David M. ROTHWARF | 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 | |
| 4. Application number(s) or patent number(s): | | |
| If this document is being filed together with a new application, the ex A. Patent Application No.(s) 10/104,571 Additional numbers attached? Yes No | B. Patent No.(s) | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| | 7. Total fee (37 C.F.R. § 3.41): \$40.00 | |
| Peng Chen Morrison & Foerster LLP 3811 Valley Centre Drive Suite 500 San Diego, California 92130-2332 | Enclosed Authorized to be charged to deposit account, referencing Attorney Docket 471842000520 8. Deposit account number: 03-1952, ref. 471842000520 | |
| 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 | |
| <u>docket no. 471842000520.</u> DO NOT USE | | |
| | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is document. Name: Peng Chen Registration No: 43,543 | s true and correct and any attached copy is a true copy of the original June 12, 2 = 2 | |
| Total number of pages comprising cover | er sheet, attachments and document: -3- | |
| VI.S. Patent and | h required cover sheet information to: Trademark Office ublic Records | |

Box Assignments, Crystal Gateway 4, Room 335 Washington, D.C. 20231

sd-96389

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PATENT

REEL: 013021 FRAME: 0057

Attorney Docket No.: 471842000520

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Mingxian HUANG residing at 11568 Sorrento Valley Road, Suite 9, San Diego, California 92121; Lei WU residing at 14021 Capewood Lane, San Diego, California 92128; Xiaobo WANG, residing at 11684 Springside Road, San Diego, California 92128; Junquan XU, residing at 11072 West Ocean Air Drive, #339, San Diego, California 92130; Guo Liang TAO, residing at 4178 Decoro Street, Apt. 12, San Diego, California 92122; and David M. ROTHWARF, residing at 8584 Villa La Jolla Drive, Apt. 346, La Jolla, California 92037-2340 (hereinafter referred to as the "assignors"), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in MICRODEVICES HAVING A PREFERENTIAL AXIS OF MAGNETIZATION AND USES THEREOF, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/104,571 and filed on March 21, 2002; 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 #Jia 2, Qinghua West Road, Haidian District, Beijing, 100084, The People's Republic of China ("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 their 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, their successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignees, or the counsel of their 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-inpart of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is

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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, their successors, legal representatives and assigns, but at the cost and expense of said assignees, their 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 AVIVA Biosciences Corporation as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date

Mingxian HUANG

5/25/02

Date

Date

Date

Xiaobo WANG

S5/29/2002

Date

S5/25/02

Date

Date

OS/25/02

Concluding TAO

Date

Date