

Form PTO-1595 (Rev. 09/04)
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United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Mary C. TSAO

Execution Date(s): December 17, 2004

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

2. Name and address of receiving party(ies)

Name: Raven biotechnologies, inc.

Internal Address: _____

Street Address: _____

Britannia Oyster Point
1140 Veterans Blvd.

City: South San Francisco

State: California

Country: United States of America Zip: 94080

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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
10/944,083

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jie Zhou
MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 415072001900
Street Address: 755 Page Mill Road

City: Palo Alto

State: CA Zip: 94304

Phone Number: (650) 813-5651

Fax Number: (650) 813-5922

Email Address: JZhou@mfo.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

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a. Credit Card Last 4 Numbers _____
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b. Deposit Account Number 03-1952

Authorized User Name Jie Zhou

9. Signature:

Signature

January 10, 2005

Date

Jie Zhou - 52,395

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

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COPY

**ASSIGNMENT
SOLE**

THIS ASSIGNMENT, by Mary C. TSAO (hereinafter referred to as the assignor), residing at 809 Baywater Ave., Burlingame, California 94010, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in CELL CULTURE MEDIA, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/944,083 and filed on September 17, 2004; and

WHEREAS, Raven biotechnologies, inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at Britannia Oyster Point, 1140 Veterans Boulevard, South San Francisco, California 94080 as the assignee, is 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 assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, 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 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 assignee, 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 assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner 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 assignor has 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 assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, 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 assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee 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.

12/17/04 Mary C. Tsao
Date Mary C. TSAO