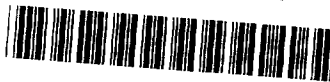


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To the Honorable Commissioner for Patents:

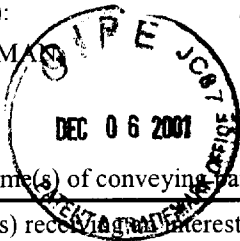
(s) or copy(ies) thereof.

1. Name of Conveying Party(ies):

John P. MORSEMAN  
Xiangfei ZENG

101912166

12.6.01



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

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Martek Biosciences Corporation  
Address: 6480 Dobbin Road  
Columbia, MD 21045

Name:  
Address:

Country: USA

Country:

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

3. Nature of Conveyance:

- Assignment  Merger  Change of Name
- Verified Translation  Security Agreement  Other: \_\_\_\_\_

Execution Date: October 18, 2001 and October 29, 2001

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

If this document is being filed together with a new application, the execution date(s) of the application is: \_\_\_\_\_

A. Patent Application No(s):  
09/889,795

B. Patent No(s):

Others on additional sheet(s) attached?  Yes  No

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

**Laurence H. Posorske**  
Intellectual Property Department  
Brobeck, Phleger & Harrison LLP  
1333 H Street, N.W.  
Suite 800  
Washington, DC 20005  
(202) 220-6000 (telephone)  
(202) 220-5200 (facsimile)

6. Total number of applications and patents involved:

Application(s): 1  
+ Patent(s): \_\_\_\_\_  
= Total: 1

7. Total Fee (37 C.F.R. § 3.41) . . . . . \$ 40.00

- Enclosed
- Authorized to be charged to Deposit Account

8. Deposit Account No.: 50-1640

(Duplicate copy of this sheet attached)

- Charge any underpayment or credit any overpayment to above Deposit Account

DO NOT USE THIS SPACE

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.

Laurence H. Posorske  
Name of Person Signing

December 6, 2001  
Date

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

4

12/10/2001 ASHVED1 00000060 501640 09889795  
01 FC:581 40.00 CH

## ASSIGNMENT

WHEREAS, WE, John P. MORSEMAN, residing at 9615 Rooksparkle Row, Columbia, Maryland 21045; and Xiangfei ZENG residing at 407 N.W. Kotrick Place, Beaverton, Oregon, have invented certain new and useful improvements in and to the subject matter of:

### SIMPLE METHOD FOR LABELED CONJUGATE PRODUCTION

described in an application for United States Letters Patent filed on July 20, 2001, and accorded Application No. 09/889,795;

AND, WHEREAS, MARTEK BIOSCIENCES CORPORATION, a corporation organized under the laws of the State of Maryland, having a place of business located at 6480 Dobbin Road, Columbia, Maryland 21045 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Brobeck, Phleger & Harrison LLP, whose address is 1333 H Street, N.W., Suite 800, Washington, DC 20005, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to

make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

10/18/01  
Date

[Signature]  
John P. MORSEMAN

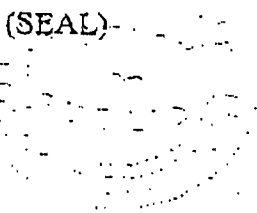
County of Baltimore )  
State of Maryland )

ss:

On this 18<sup>th</sup> day of October, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared John P. Morsemann, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

[Signature]  
Notary Public

**Dianna L. Brown, Notary Public**  
**Baltimore County**  
**State of Maryland**  
My Commission Expires July 1, 2002



BROBECK, PHLEGER & HARRISON LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
1333 H STREET, N.W.  
SUITE 800  
WASHINGTON, D.C. 20005  
(202) 220-6000 (TELEPHONE)  
(202) 220-3200 (FACSIMILE)

10/29/01  
Date

Xiangfei Zeng  
Xiangfei ZENG

County of )  
State of ) ss:

On this 29<sup>th</sup> day of October, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared Xiangfei Zeng to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Melissa Scott  
Notary Public

(SEAL)



My Commission Expires 3-25-2003

PROBECK, PELEGER & HARRISON LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
1333 H STREET, N.W.  
SUITE 600  
WASHINGTON, D.C. 20005  
(202) 230-6000 (TELEPHONE)  
(202) 220-5700 (FACSIMILE)