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Form PTO-1595  
OMB No. 0651-0027



102782793

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party (ies):  
Yossi Tal  
Harold J. Schreier

2. Name and address of receiving party (ies)  
  
University of Maryland Biotechnology Institute  
701 E. Pratt Street, Suite 200  
Baltimore, Maryland 21202-3101

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

3. Nature of conveyance:  
  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_

Execution Date: June 4, 2004

4. Application number(s) or patent number (s): 10/493,179

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

A. Patent Application No. (s)  
  
10/493,179

B. Patent No. (s)

Additional numbers attached?  Yes  No

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

Name: Steven J. Hultquist  
Company Name: Intellectual Property/Technology Law  
Street Address: P. O. Box 14329  
City: Research Triangle Park State: NC Zip: 27709

6. Total Number of applications and patents involved: 1

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

Enclosed Credit Card Payment Form  
 Authorized to charge any deficiency or credit any overpayment to deposit account

8. Deposit account Number: 08-3284

(Attach duplicate copy of this page if paying by deposit account)

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9. State 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.*

Marianne Fuierer  
Name of person signing

Signature

June 28, 2004  
Date

Total number of pages including cover sheet, attachments and documents: 3

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OPR/FINANCE

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**ASSIGNMENT**

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We, Yossi **TAL** and Harold J. **SCHREIER** have made an invention the specification of which is described in:

U.S. Patent Application No. 10/439,179 submitted in the U.S. Patent and Trademark Office on April 19, 2004, or

the U.S. patent application filed herewith in the U.S. Patent and Trademark Office

entitled:

**"ANAEROBIC AMMONIUM OXIDATION FOR WATER TREATMENT IN RECIRCULATING AQUACULTURE SYSTEMS"**

We hereby authorize Intellectual Property/Technology Law and its attorneys to enter the application number and its filing date in the preceding paragraph subsequent to our execution of this Assignment.

We hereby assign to University of Maryland Biotechnology Institute, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and
- (iii) corresponding foreign patent applications and patents.

We are making this assignment based on our employment relationship with University of Maryland Biotechnology Institute.

We request the Commissioner of Patents and Trademarks of the United States to issue related patents on the invention to:

**University of Maryland Biotechnology Institute**

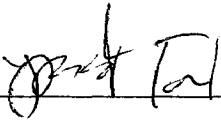
as owners of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

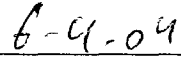
We agree that we will promptly communicate to University of Maryland Biotechnology Institute, Inc., all facts that come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.


We declare that we have not done anything in conflict with this Assignment.

  
\_\_\_\_\_

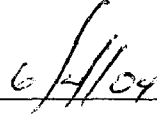
Yossi Tal

  
\_\_\_\_\_

Date

  
\_\_\_\_\_

Harold J. Schreier

  
\_\_\_\_\_

Date