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Assistant Communic	or Patents	04-25	5-2001	4.1001
Box Assignments Washington, D.C.	20231			rney Docket No. 4115-123
1. A. Name of co	onveying party(ies)	1016	85344	ess of receiving party(ies):
Yonathon 2 John Stubb Mordechai	blefield, Allen Place,			f Maryland Biotechnology Institute Street, Suite 200 AD 21202
	name(s) of conveying attached?	] No	B. Additiona	Il name(s) & address(es) attached?  ☑ No
3. A. Nature of c	conveyance:			
	☐ Merger ☐	Security Agreeme	ent	ange of Name
Other:				<u>.</u>
B. Execution				000, Stubblefield-January 17, 2001
	Place-Decembe	r 20, 2000, Har	rel-March 27, 200	01
	ument is being filed tog	ether with a new a	pplication, the ex	recution date of the
B. Patent App	olication No.(s)	1.0		
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5. Name and addre Correspondence mailed: Name: Steve Address: Intel	ess of party to whom e concerning document	should be	A. Total fee (  Enclosed (Check N	(37 CFR 3.41) \$ 40.00 in total amount of \$105.00 to. 08014) d to be charged to deposit account
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5. Name and address Correspondence mailed:  Name: Steve Address: Intel P.O. Rese  6. Total number of involved: 1	ess of party to whom e concerning document lectual Property/Techn. Box 14329 earch Triangle Park, NO	should be 7. cology Law 27709 ats 8.	A. Total fee ( Enclosed (Check N  Authorize No  Credit any ove to Deposit Acc Property/Techn	(37 CFR 3.41) \$ 40.00 in total amount of \$105.00
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REEL: 011705 FRAME: 0347

## ASSIGNMENT

We, Yonathan Zohar, Stan Serfling, John Stubblefield, Allen Place and Mordechai Harrel, have made an invention described in U.S. Patent Application No. 09/810,640, filed March 16, 2001 in the United States Patent and Trademark Office, entitled:

## RECIRCULATING MARINE AQUACULTURE PROCESS.

We, Yonathan Zohar, Stan Serfling, John Stubblefield, Allen Place and Mordechai Harrel, hereby assign to University of Maryland Biotechnology Institute, 701 E. Pratt Street, Suite 200, Baltimore, MD 21202, 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/business relationships with University of Maryland Biotechnology Institute.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

## University of Maryland Biotechnology Institute

as owner 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 which 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.

PATENT REEL: 011705 FRAME: 0348

105 Oth	March 26 200)
Yonathan Zohar	Date
Yonathan Zohar appeared before me on the person described in this Assignment. his execution was completely voluntarily.	Thank Ab , 2000. He declared to me that he is He executed this Assignment before me, and declared that
State of Maryland County of Dultinuare	
(SEAL)	
	Notary Public  My commission expires: 12/1/02
Stanley Serfling	<u>Deember</u> 22, 2000 Date
Stanley Serfling appeared before me on the person described in this Assignment. his execution was completely voluntarily.	He executed this Assignment before me, and declared that
State of Maryland County of Andrick	
(SEAL)	
	Notary Public   Burgess  My commission expires: 1-1-04
	My commission expires: 1-1-04

O DOLOND	1.17 01
John Stubblefield	
John Stubblefield appeared before me on the person described in this Assignment. He execution was completely voluntarily.	17 far, 200 <b>6</b> . He declared to me that he is executed this Assignment before me, and declared that his
State of Maryland County of <u>Baltimore City</u> (SEAL)	
	Cindy by Suglitta
	Notary Public Juglietta  My commission expires: 26 May 04
allen Rlace	12/20/00
Alan Place	Date
Alan Place appeared before me on <u>20</u> person described in this Assignment. He ex execution was completely voluntarily.	Dec, 2000. He declared to me that he is the executed this Assignment before me, and declared that his
State of Maryland County of Baltimore City	
(SEAL)	
	Notary Public Jugarthan  My commission expires: 26 May 04
	My commission expires: 26 May 04

	4. Han ( 03/27/01
	Mordechai Harrel Date
	Mordechai Harrel appeared before me on3/37/0/, 2000. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntarily.
۲	State of Maryland  County of Destinate
	(SEAL)
	Notary Public  My commission expires: 12/1/02

IPTL File: 4115-123

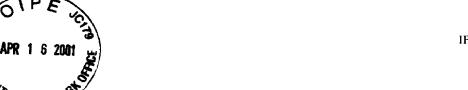
Sec 2012 A Stan Serfling Full Name of Second Inventor: Inventor's Signature Date 2174 E. Greenleaf Drive, Frederick, MD 21704 Residence: Citizenship: U.S.A. Post Office Address: 2174 E. Greenleaf Drive, Frederick, MD 21704 Full Name of Third Inventor: Date 1.17.01 Inventor's Signature 14 Silver Stirrup Could, Lutherville, MD 21093 Residence: Citizenship: U.S.A. Post Office Address: 14 Silver Stirrup Court, Lutherville, MD 21093 allen Alan Place Full Name of Fourth Inventor: \_\_\_\_\_\_Date <u>12/2</u>0/00 Illen Place Inventor's Signature 9600 Dunkeld Court, Baltimore, MD 21202 Residence:

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U.S.A.

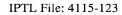
Citizenship:

Post Office Address:



IPTL File: 4115-123

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Inventor's Signature	Stanley Sufer	_ Date <u>Pec_22, 202</u> 0
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Citizenship:	U.S.A.	
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Citizenship:	U.S.A.	
Post Office Address:	9600 Dunkeld Court, Baltimore, MD 21202	
Full Name of Fifth Inv Inventor's Signature Residence:	ventor: Mordeghai Harrel	
Citizenship:	Israel	
Post Office Address:		

Page 2 of 2  $\beta$ 

**RECORDED: 04/16/2001**