

02-25-1999



100972189

COVER SHEET

RECEIVED

MRH  
2/23/99

To the Honorable Commiss

The attached original documents on copy 7 thereof.

1. Name of conveying party(ies)

H. William Harris  
Edward M. Brown  
Steven C. Hebert

2. Name and address of receiving party(ies)

Name: Brigham and Women's Hospital

Internal Address: \_\_\_\_\_

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Street Address: 350 Longwood Avenue

City: Boston State: MA ZIP: 02115

Execution Date: December 29, 1998  
December 30, 1998  
December 22, 1998

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 execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
09/162,021

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Doreen M. Hogle

Internal Address: \_\_\_\_\_

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: Two Militia Drive

City: Lexington State: MA ZIP: 02421-4799

6. Total number of applications and patents involved: [1]

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

- Enclosed
- Authorized to charge any deficiencies or credit any overpayment to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by 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.

Antoinette G. Giugliano, Esq.

Name of Person Signing

*Antoinette G. Giugliano*

Signature

February 19, 1999

Total number of pages including cover sheet, attachments, and document: [10]

PATENT

REEL: 9777 FRAME: 0693

09162006  
990006  
000006  
02/23/1999 10:11:51 AM  
6661/32/20  
01 FC:501

Multi-JointASSIGNMENT

WHEREAS, we, H. William Harris, together with co-inventor(s) Edward M. Brown and Steven C. Hebert, have invented a certain improvement in Polycation-Sensing Receptor in Aquatic Species and Methods of Use Thereof described in an application for Letters Patent of the United States, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on September 28, 1998 as Application No. 09/162,021;
- was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, Bringham and Women's Hospital (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 350 Longwood Avenue, Boston, Massachusetts 02115, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents 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, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: *H. William Harris*  
H. William Harris

State/Commonwealth  
of Maine  
County of Cumberland

Then personally appeared before me the above-named H. William Harris and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29<sup>th</sup> day of December, 1998.

(SEAL)

*Charlene S. Conroy* Notary Public  
Charlene S. Conroy (print name)

My Commission expires \_\_\_ / \_\_\_ / \_\_\_  
CHARLENE S. CONROY  
Notary Public, Maine  
My Commission Expires August 2, 2003

Inventor: \_\_\_\_\_

Edward M. Brown

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Edward M. Brown and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_ Notary Public

(SEAL)

\_\_\_\_\_ (print name)

My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Inventor: \_\_\_\_\_

Steven C. Hebert

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Steven C. Hebert and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_ Notary Public

(SEAL)

\_\_\_\_\_ (print name)

My Commission expires \_\_\_ / \_\_\_ / \_\_\_

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Inventor: \_\_\_\_\_  
H. William Harris

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named H. William Harris and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_ Notary Public  
\_\_\_\_\_ (print name)

(SEAL)

My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Inventor: Edward M. Brown  
Edward M. Brown

State/Commonwealth  
of MASS  
County of SUFFOLK

Then personally appeared before me the above-named Edward M. Brown and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 30<sup>th</sup> day of DEC, 1998.

(SEAL) John R Rabaoli Notary Public  
JOHN R RABAOLI (print name)  
My Commission expires 7 / 1 / 99

Inventor: \_\_\_\_\_  
Steven C. Hebert

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Steven C. Hebert and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_ (print name)  
My Commission expires \_\_\_ / \_\_\_ / \_\_\_

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;



AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: \_\_\_\_\_  
H. William Harris

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named H. William Harris and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_ (print name)  
My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Inventor: \_\_\_\_\_  
Edward M. Brown

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

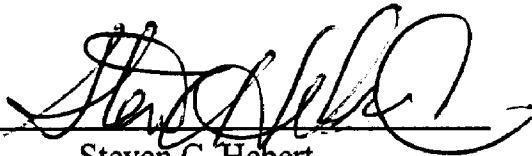
Then personally appeared before me the above-named Edward M. Brown and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_ Notary Public

(SEAL)

\_\_\_\_\_ (print name)

My Commission expires \_\_/\_\_/\_\_

Inventor:   
Steven C. Hebert

State/Commonwealth  
of Tennessee  
County of Davidson

Then personally appeared before me the above-named Steven C. Hebert and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 22nd day of December, 1998.

 Notary Public

(SEAL)

Nadine P. Cline (print name)

My Commission expires 5/26/2000