

08-02-2001



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To the Honorable Commissione

101797936

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xandra O. Breakefield
Alice B. Brown

2. Name and address of receiving party(ies):

Name: The General Hospital Corporation

Internal Address:

Street Address: 13th Street, Building 149, Suite 5036

City: Charlestown State: MA ZIP: 02129-2000

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

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 6 June 2001

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)

PCT/US01/08273

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David S. Resnick

Internal Address:

Street Address: NIXON PEABODY LLP

101 Federal Street

City: Boston State: MA ZIP: 02110

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

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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.

Lana A. Shvartsman, Reg. No. P48,502

Name of Person Signing

Signature

26 July 2001

Date

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

Mail documents to be recorded with required cover sheet information to:
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08/02/2001 GTOW11 00000057 PCTUS0108273

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(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

PATENT
REEL: 012013 FRAME: 0080

For: U.S. and Foreign Rights
By: Multiple Inventors

**ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION
(MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (inventors):

Name : Xandra O. Breakefield
Address: 127 Homer Street
Newton Center, MA 02459-1513
US
Nationality: US

Name : Alice B. Brown
Address: 1 Longfellow Place #2323
Boston, MA 02114
US
Nationality: US

hereby sells, assigns and transfers to

ASSIGNEE:

Name: The General Hospital Corporation
Address: 13th Street
Building 149, Suite 5036
Charlestown, MA 02129-2000
US
Nationality: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled SYSTEMIC GENE DELIVERY FOR THE TREATMENT OF TUMORS and which is found in (37 C.F.R. Section 3.21) PCT application Serial No. PCT/US01/08273 International Filing Date 15 March 2001 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREFORE, We have hereunto set hand and seal this 6th day of June, 2001.

Xandra O. Breakefield

Xandra Breakefield
Signature of INVENTOR

Alice B. Brown

Alice B. Brown
Signature of INVENTOR