

09/647314

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Rec'd PCT/PTO 06 DEC 2000  
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To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):

UNIVERSITY OF UTAH

MLD  
12.6.00

2. Name and address of receiving party(ies)

Name: University of Utah Research Foundation

Internal Address: 210 Park Building

Salt Lake City, Utah 84112

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

3. Nature of conveyance:

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

Execution Date: **October 2, 2000**

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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)

09/647,314

B. Patent No.(s)

09/647314

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence

concerning document should be mailed:

Name: Alan J. Howarth (Customer No. 20450)

Internal Address: CLAYTON, HOWARTH &

CANNON, P.C.

Street Address: P.O. Box 1909

City: Sandy State: Utah ZIP: 84091-1909

6. Total number of applications and patents involved: One

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 50-0836

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

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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.

Alan J. Howarth  
Name of Person Signing

Alan J. Howarth  
Signature

December 6, 2000  
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

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PATENT  
REEL: 011422 FRAME: 0005

A S S I G N M E N T

WHEREAS, the University of Utah, the mailing address of which is 421 Wakara Way, Suite 170, Salt Lake City, Utah 84108; has assigned to it a certain product and process entitled CIRCULAR, HAIRPIN, CIRCULAR/HAIRPIN, LARIAT, AND HAIRPIN - LARIAT HAMMERHEAD RIBOZYMES for which an application for United States Letters Patent was filed on September 28, 2000 and received Serial No. 09/647,314 (I hereby authorize the attorneys of Clayton, Howarth & Cannon, P.C. to insert said serial number and filing date when known);

WHEREAS, the University of Utah Research Foundation, a nonprofit corporation, organized and existing under the State of Utah, located at 210 Park Building, Salt Lake City, Utah 84112; is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00), the receipt and sufficiency whereof is hereby acknowledged, and other good and valuable consideration, the University of Utah, by these presents does sell, assign and transfer unto said University of Utah Research Foundation, the full and exclusive right to the said

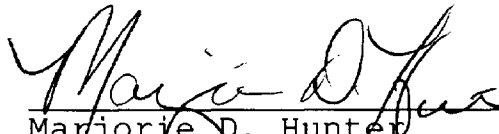
WHEN RECORDED RETURN TO:

Alan J. Howarth  
Clayton, Howarth & Cannon, P.C.  
P.O. Box 1909  
Sandy, Utah 84091

invention and in and to said application and any and all divisions and continuations, substitutes and reissues of said application and the entire right, title and interest in, to and under any and all Letters Patent of the United States and foreign countries that may issue or be granted on said invention.

The Commissioner of Patents is hereby authorized and requested to issue said Letters Patent to said University of Utah Research Foundation, as the assignee of the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its 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 the University of Utah had this assignment and sale not been made.

Executed this 7<sup>th</sup> day of October, 2000, at Salt Lake City, Utah.

  
\_\_\_\_\_  
Marjorie D. Hunter  
University of Utah  
Technology Transfer Office

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Clayton, Howarth & Cannon, P.C.  
P.O. Box 1909  
Sandy, Utah 84091

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**PATENT**  
**REEL: 011422 FRAME: 0007**

STATE OF UTAH )  
 : ss  
County of Salt Lake )

Before me personally appeared said Marjorie D. Hunter, and  
acknowledged the foregoing instrument to be her free act and deed  
this 2nd day of October, 2000.

Sheri L. Gordon  
Notary Public

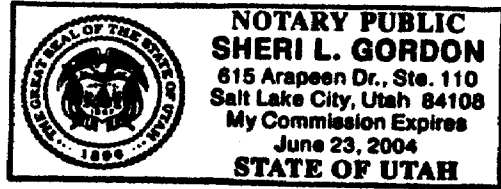
My commission expires:

6/23/04

Residing at:

Salt Lake City, Utah

S:\CHC Files\T 6--\T6677\Pct.US\assignment from U.frm



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