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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof

1. Name of conveying party(ies):

Donald E. Ayer, Ph.D.
Andrew N. Billin Ph.D.

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

2. Name and address of receiving party(ies)

Name: **University of Utah**

Internal Address:

12-4-00

Street Address: **615 Arapeen Drive, Suite 110**

City: **Salt Lake City** State/Country: **Utah** Zip: **84108**

Additional name(s) and address(es) attached? Yes ☐ No ☒

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: **November 17, 2000**

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)

09/708,906

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Barton W. Giddings, Ph.D., MADSON & METCALF**

Internal Address:

Street Address: **15 West South Temple, Suite 900**

City: **Salt Lake City** State: **Utah** ZIP **84101**

6. Total number of applications and patents involved:

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

☒ Enclosed

☒ Authorized to be charged to deposit account (any deficiencies)

8. Deposit account number:

13-0763

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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.

Barton W. Giddings, Ph.D.

Name of Person Signing

Barton W. Giddings

Signature

November 29, 2000

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 011344 FRAME: 0945

ASSIGNMENT

Docket No.: 1321.2.37

I, Donald E. Ayer, Ph.D. of the Huntsman Cancer Institute, 2000 Circle of Hope, Room 4365, Salt Lake City, Utah 84112, have invented with Andrew N. Billin, Ph.D. a method and apparatus entitled SID-POLYAMIDE FUSIONS: A POTENT METHOD OF REGULATING GENE EXPRESSION, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. 1321.2.37 of the law firm of Madson & Metcalf, Gateway Tower West, 15 West South Temple, Suite 900, Salt Lake City, Utah 84101, and filed in the United States Patent and Trademark Office as Serial No. 09/708,906 on November 8, 2000. (I hereby authorize the attorneys of Madson & Metcalf to insert said serial number and filing date when known.)

The Assignee, University of Utah, a corporation of the State of Utah, having a principal place of business at 615 Arapahoe Drive, Suite 110, Salt Lake City, Utah 84108, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE

The entire right, title and interest in said invention, in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, all previously filed provisional applications for which the present application seeks the benefit of an earlier filing date under 35 U.S.C. § 119, all reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

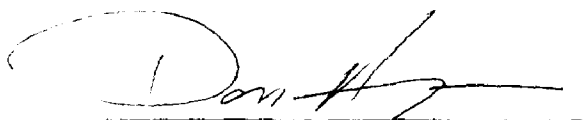
© 2000, MADSON & METCALF, P.C.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

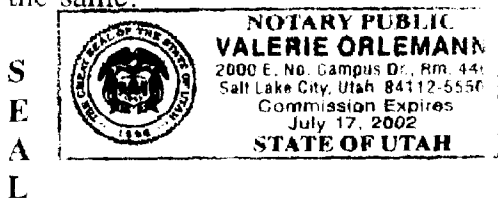
This assignment and agreement shall be binding upon my heirs and legal representatives.



Donald E. Ayer, Ph.D.
Huntsman Cancer Institute
2000 Circle of Hope, Room 4365
Salt Lake City, Utah 84112

STATE OF Utah)
COUNTY OF Salt Lake)

On this 8th day of November, 2000, personally appeared before me Donald E. Ayer, Ph.D., who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.



Valerie Orlemann NOTARY PUBLIC
July 17, 2002 COMMISSION EXPIRATION

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ASSIGNMENT

Docket No.: 1321.2.37

I, Andrew N. Billin, Ph.D. of 103 Cromwell Court, Cary North Carolina 27513, have invented with Donald E. Ayer, Ph.D. a method and apparatus entitled SID-POLYAMIDE FUSIONS: A POTENT METHOD OF REGULATING GENE EXPRESSION, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. 1321.2.37 of the law firm of Madson & Metcalf, Gateway Tower West, 15 West South Temple, Suite 900, Salt Lake City, Utah 84101, and filed in the United States Patent and Trademark Office as Serial No. 09/708,906 on November 8, 2000. (I hereby authorize the attorneys of Madson & Metcalf to insert said serial number and filing date when known.)

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In consideration of \$1.00 and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

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The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

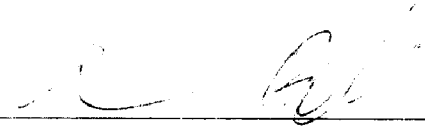
I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

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Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

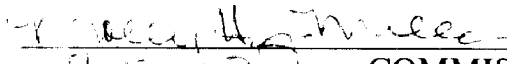


Andrew N. Billin, Ph.D.
103 Cromwell Court
Cary, North Carolina 27513

STATE OF North Carolina)
COUNTY OF Durham)

On this 17th day of November, 2000, personally appeared before me Andrew N. Billin, Ph.D., who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

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1-12-03 COMMISSION EXPIRATION

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