

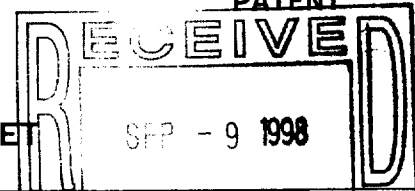
09-15-1998

U.S. Department of Commerce  
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**RECORDATION FORM COVER SHEET  
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- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
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- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name (line 1) NeXstar Pharmaceuticals, Inc.

Execution Date  
Month Day Year  
08 15 98

Name (line 2) a corporation of Delaware

Execution Date  
Month Day Year

**Second Party**

Name (line 1)

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Proligo L.L.C.

Name (line 2) a limited liability company of Delaware

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Address (line 1) 2830 Wilderness Place

Address (line 2)

Address (line 3) Boulder

Colorado

80301

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

09/15/1998 INHUYEN 00000173 09051449

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**REEL: 9441 FRAME: 0913**

**Correspondent Name and Address**

Area Code and Telephone Number (212) 684-3900

Name David S. Kashman

Address (line 1) c/o Gottlieb, Rackman & Reisman, P.C.

Address (line 2) 270 Madison Avenue

Address (line 3) New York, NY 10016

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 4

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

09051449

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 07-1730

Authorization to charge additional fees:

Yes

☒

No

☐

**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. Charges to deposit account are authorized, as indicated herein.

David S. Kashman

Name of Person Signing

David S. Kashman

Signature

9/8/98

Date

SCHEDULE A

| <u>Application</u><br><u>Serial No.</u> | <u>Title</u>  | <u>Filing</u><br><u>Date</u> | NeXstar<br><u>Designation</u> |
|---|---|------------------------------|-------------------------------|
| PCT/US96/16668                          | Method for Solution Phase<br>Synthesis of<br>Oligonucleotides | 10/17/96                     | NEX47/PCT                     |

ASSIGNMENT OF FILED PATENT APPLICATION

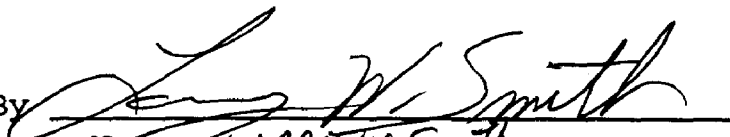
WHEREAS, NeXstar Pharmaceuticals, Inc., a corporation organized under the laws of the State of Delaware, having an office and place of business at 2860 Wilderness Place, Boulder, Colorado 80301, is the sole and exclusive owner by assignment, free and clear of all encumbrances, of the entire right, title and interest in, to and under the U.S. patent application (or the PCT patent application or invention disclosure) listed on Schedule A attached hereto, and the invention(s) described therein, and is also the owner of all U.S. and foreign counterparts thereof, whether presently existing or hereafter filed, whether pending or issued, as well as any U.S. or foreign continuation, continuation-in-part, divisional, or reissue patent application(s) or patent(s) corresponding thereto (all of the foregoing patents, patent applications and inventions being hereinafter referred to collectively as the "Property"); and

WHEREAS, Proligo L.L.C., a limited liability company organized under the laws of the State of Delaware, having an office and place of business at 2830 Wilderness Place, is desirous of acquiring all of the right, title and interest in, to and under the Property from NeXstar Pharmaceuticals, Inc., effective as of August 15, 1998.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, NeXstar Pharmaceuticals, Inc. hereby assigns unto, Proligo L.L.C., effective

as of August 15, 1998, all right, title and interest in, to and under the Property, together with the right to sue and recover for past, present and future infringements thereof.

NEXSTAR PHARMACEUTICALS, INC.

By   
Name: LARRY W. SMITH  
Title: V.P. + General Counsel

Dated: August 15, 1998

ACKNOWLEDGEMENT

STATE OF COLORADO           )  
  )     ss:  
COUNTY OF BOULDER         )

On this 15th day of August, 1998, before me personally came Larry W. Smith, to me known and known to me to be the V.P. + General Counsel of NEXSTAR PHARMACEUTICALS, INC., the corporation described in and which executed the foregoing instrument, and he acknowledged to me that he had signed his name and the name of the corporation thereto on behalf of and with the authority of the Board of Directors of said corporation.

  
Notary Public