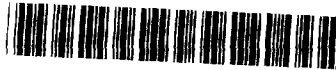


10-13-2000



101487052

TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record this

cuments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Avanir Pharmaceuticals

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

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

Name: Xenerex Biosciences

Internal Address:

Street Address: 11388 Sorrento Valley Road

City: San Diego State: CA ZIP: 92121

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

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) May 30, 2000

4. Application number(s) or Patent number(s):

() Application(s) filed herewith Execution Date(s):

() Patent Application No.:
Filing Date:(X) Patent Nos.: 5,958,765, 5,698,767 and 5,476,996
Issue Dates: 09/28/99, 12/16/97 and 12/19/95

Additional numbers attached? () Yes (X) No

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

Name: Mark R. Benedict
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: AVANIR.077GEN

7. Total fee (37 CFR 3.41): \$120

(X) Enclosed

(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 3

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.

Mark R. Benedict
Name of Person Signing

Signature

Date

9/19/00

44,531
Registration No.

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
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Washington, D.C. 20231HADOCSMRB/MRB-1960.DOC's
091900
10/12/2000 DBYRNE 00000018 5958765
01 FC:581 120.00 DPPATENT
REEL: 011137 FRAME: 0475

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (the "Assignment") is made as of this 30th day of May, 2000, by AVANIR Pharmaceuticals, a California corporation ("AVANIR"), in favor of Xenerex Biosciences ("XENEREX"), a California corporation.

RECITALS

A. AVANIR and XENEREX have entered into a Technology Transfer Agreement dated as of May 30, 2000 (the "Agreement"), pursuant to which AVANIR has transferred to XENEREX certain assets.

B. For good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by AVANIR, AVANIR desires to give this Assignment for the purpose of effecting such transfer pursuant to the provisions of the Agreement.

AVANIR AGREES AS FOLLOWS:

1. Assignment of the Patents of AVANIR.

AVANIR does hereby sell, convey, assign, transfer, and deliver to XENEREX, its successors and assigns, all of AVANIR's right, title and interest in and to (i) the patents and patent applications set forth on Schedule A hereto and patents issuing on such applications; (ii) any continuations, continuations-in-part, divisionals, reexaminations, reissues or extensions of any of (i) above; and (iii) any foreign counterparts issued or issuing on any of (i) or (ii) above.

2. Documentation.

AVANIR agrees to execute, at the request of XENEREX, all additional documentation that may be reasonably required in order to perfect the foregoing conveyance, assignment and transfer.

3. No Rights in Third Parties.

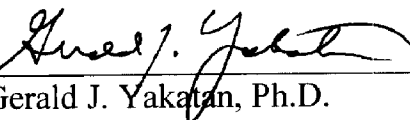
Nothing expressed or implied in this Assignment is intended to confer upon any person, other than the parties to the Agreement and their respective successors and assigns, any rights, remedies, obligations or liabilities under or by reason of this Assignment.

3. Successors and Assignees.

This Assignment is executed pursuant to the Agreement and is entitled to the benefits thereof and shall be binding upon and inure to the benefit of AVANIR and XENEREX and their respective successors and assigns.

IN WITNESS WHEREOF, AVANIR has executed this Assignment on the date first above written.

AVANIR PHARMACEUTICALS

By: 
Gerald J. Yakatan, Ph.D.
President and Chief Executive Officer

SCHEDULE A

United States

1. U.S. Patent No.: 5,958,765
Date of Patent: Sep. 28, 1999
Title: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANITBODIES SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE
THREOF
Inventors: Peter Brams; Phillip R. Morrow
2. U.S. Patent No.: 5,698,767
Date of Patent: Dec. 16, 1997
Title: HUMAN IMMUNE SYSTEM IN NON-HUMAN ANIMAL
Inventors: Darcy B. Wilson; Donald E. Mosier
3. U.S. Patent No.: 5,476,996
Date of Patent: December 19, 1995
Title: HUMAN IMMUNE SYSTEM IN NON-HUMAN ANIMAL
Inventors: Darcy B. Wilson; Donald E. Mosier

Australia

1. Patent No.: 626560
Date of Patent: February 8, 1993
Title: HUMAN IMMUNE SYSTEM IN NON-HUMAN ANIMAL
Inventors: Donald E. Mosier; Darcy B. Wilson

Europe

1. Patent No.: 0379554
Date of Patent: May 15, 1996
Title: HUMAN IMMUNE SYSTEM IN NON-HUMAN ANIMAL
Inventors: Donald E. Mosier; Darcy B. Wilson

Japan

1. Patent No.: 2960452
Date of Patent: July 30, 1999
Title: HUMAN IMMUNE SYSTEM IN NON-HUMAN ANIMAL
Inventors: Donald E. Mosier; Darcy B. Wilson

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

San Diego

} ss.

On June 16, 2000, before me,

Victoria C. Smith, Notary Public

Date

Name and Title of Officer (e.g., Jane Doe, Notary Public)

personally appeared

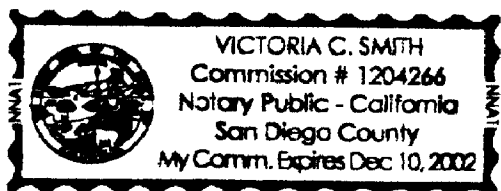
Geralis J. YAKATAN, Ph.D.

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/~~their~~ authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Victoria C. Smith

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Patent Assignment

Document Date:

May 30, 2000

Number of Pages:

4

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer

Signer's Name

Individual

☒ Corporate Officer -- Title(s):

Partner -- Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer Is Representing:

AVANIR Pharmaceuticals

CORPORATE ACKNOWLEDGEMENT

State of California)
) ss.
County of San Diego)

On this ____ day of _____, 2000, before me,
_____, the undersigned Notary Public, personally appeared
_____, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person who executed the above and foregoing PATENT
ASSIGNMENT as _____ on behalf of the corporation therein named, and
acknowledged to me that the corporation executed it.

WITNESS my hand and official seal.

Notary Public in and for said State