

FORM PTO-1585 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		REC 04-26-2000 	SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Pa 101336305		Attached original documents or copy thereof	
1. Name of conveying party(ies): Michael W. Reed; Eugeny A. Lukhtanov and Alexander A. Gall Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: EPOCH PHARMACEUTICALS, INC. Internal Address: 12277 134th Court. NE, Suite 110 Redmond, Washington 98052 Street Address: 12277 134th Court. NE Suite 110 City: Redmond State: WA ZIP: 98052 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: March 28 and 29th, 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: <u>March 28 & 29th 2000</u> A. Patent Application No.(s) 09/457,616 filed December 8, 1999 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Gabor L. Szekeres Name: KLEIN & SZEKERES, LLP Internal Address: 4199 Campus Drive Suite 700 Irvine, CA 92612 Street Address: 4199 Campus Drive Suite 700 City: Irvine State: CA ZIP: 92612		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)	
09/26/2000 DNGUYEN 00000169 09457616 FC:581 40.00 DP		DO NOT USE THIS SPACE	
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. Gabor L. Szekeres. Reg#28.675 Name of Person Signing <u>Gabor L. Szekeres</u> Signature <u>03-30-00</u> Date Total number of pages including cover sheet, attachments, and document: <u>5</u>			

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments PATENT
 Washington, D.C. 20231 REEL: 010720 FRAME: 0654

ASSIGNMENT

WHEREAS, Michael W. Reed, a citizen of the United States of America, **Eugeny A. Lukhtanov** and **Alexander A. Gall**, both citizens of Russia, and **Robert O. Dempcy**, a citizen of the United States of America residing respectively at 3575 NE 180th Street, Seattle, Washington 98155; 817 205th St. S.E., Bothell, Washington 98012; 19701 10th Drive SE, Bothell, Washington 98012; and 11421 NE 115th Court, Kirkland, Washington, U.S.A. (hereinafter referred to as **ASSIGNORS**), have invented and own a certain invention entitled: **FLUORESCENT QUENCHING DETECTION REAGENTS AND METHODS** for which an application for Letters Patent was filed on December 8, 1999 under application number 09/457,616.

WHEREAS, EPOCH PHARMACEUTICALS, INC., a corporation of Delaware having a place of business at 12277 134th Court NE, Suite 110, Redmond, Washington 98052, United States of America (hereinafter referred to as **ASSIGNEE**), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

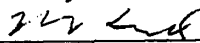
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by **ASSIGNEE** to **ASSIGNORS** of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNORS** hereby sell, assign and transfer to **ASSIGNEE** the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in the foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, division, renewal, substitute or reissue thereof or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, and all rights of priority under international Conventions and applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof; and **ASSIGNORS** hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to **ASSIGNEE**.

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

ASSIGNORS further covenant that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to **ASSIGNORS** and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representative 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 in the United States of America and in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this

28th day of March, 2000.

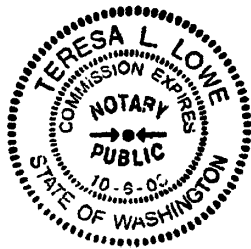


Michael W. Reed

State of Washington)
) ss.:
County of Lewis)

On this 28th day of March, 2000, before me,
Teresa L. Lowe, a Notary Public in and for the State and County aforesaid,
personally appeared Michael W. Reed,
_____, personally known to me; or / / proved to me on the basis of satisfactory evidence to be the
person whose name is subscribed to the within instrument, and acknowledged to me that he executed
the same in his authorized capacity, and that by his signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



SEAL:


Notary Public

IN WITNESS WHEREOF, I have hereunto set hand and seal this

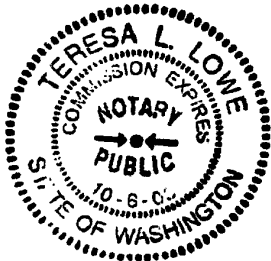
3rd day of March, 2000.

Eugen Lukhtanov
Eugen Alexander Lukhtanov

State of Washington)
) ss.:
County of King)

On this 3rd day of March, 2000, before me,
Teresa L. Lowe, a Notary Public in and for the State and County aforesaid,
personally appeared Eugen Alexander Lukhtanov,
 / personally known to me; or / proved to me on the basis of satisfactory evidence to be the
person whose name is subscribed to the within instrument, and acknowledged to me that he executed
the same in his authorized capacity, and that by his signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



SEAL:

Teresa Lowe
Notary Public

IN WITNESS WHEREOF, I have hereunto set hand and seal this

3rd day of March, 2000.

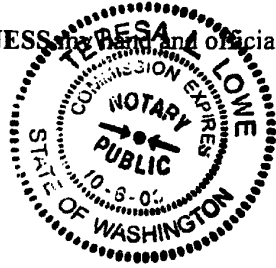
Alexander A. Gall
Alexander A. Gall

State of Washington)
) ss.:
County of King)

On this 3rd day of March, 2000, before me,
Teresa L. Lowe, a Notary Public in and for the State and County aforesaid,
personally appeared Alexander A. Gall,
 / personally known to me; or / proved to me on the basis of satisfactory evidence to be the

person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



Teresa L. Lowe
Notary Public

SEAL:

IN WITNESS WHEREOF, I have hereunto set hand and seal this

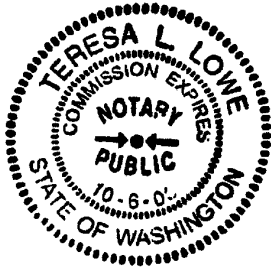
33rd day of March, 2000.

Robert O. Dempcy
Robert O. Dempcy

State of Washington)
) ss.:
County of King)

On this 33rd day of March, 2000, before me, Teresa L. Lowe, a Notary Public in and for the State and County aforesaid, personally appeared Robert O. Dempcy, personally known to me; or I proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



Teresa L. Lowe
Notary Public

SEAL: