

08-12-2008

U.S. PTO

12/221122

07/30/2008



103519098

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Katherine S. Bowdish (01/31/2005), John McWhirter (01/31/2005), Anke Kretz-Rommel (03/17/2006), and

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

2. Name and address of receiving party(ies)

Name: Alexion Pharmaceuticals, Inc.

Internal Address: _____

Street Address: _____

352 Knotter Drive

City: CheshireState: ConnecticutCountry: United States of America Zip: 06410Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

This application

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

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

Name: Anita Varma, Esq.
ROPES & GRAY LLP

Internal Address: Atty. Dkt.: ALEX-P09-060

Street Address: One International Place

City: BostonState: MA Zip: 02110Phone Number: (617) 951-7796Fax Number: (617) 951-7050Email Address: avarma@ropesgray.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 18-1945Authorized User Name Anita Varma, Esq.

9. Signature:

Signature

Jennifer K. Holmes, Ph.D., J.D. - 46,778

Name of Person Signing

08/11/2008 DBYRNE 00000030 181945 1221122

July 30, 2008

01 FC:8021

4588 DA

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

8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV970405466US, on the date shown below in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.Dated: 7-30-08Signature: Thomas A. Gallagher (Maria A. Gallagher)

RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Maruyama Toshiaki (03/17/2006)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

ASSIGNMENT

WHEREAS, we, Anke Kretz-Rommel and Toshiaki Maruyama have invented a certain improvement in **POLYPEPTIDES AND ANTIBODIES DERIVED FROM CHRONIC LYMPHOCYTIC LEUKEMIA CELLS AND USES THEREOF** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on November 23, 2004 as Application No. 10/996,316.

☐ was patented under U.S. Patent No _____ on _____.

WHEREAS, Alexion Pharmaceuticals, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 352 Knotter Drive, Cheshire, Connecticut 06410 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and 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 us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any

and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: *Anke Kretz-Rommel*
Anke Kretz-Rommel

State of California,
County of San Diego

Then personally appeared before me the above-named Anke Kretz-Rommel and acknowledged that she executed the foregoing instrument as her free act and deed this 17 day of MARCH, 2006.



Kimberly E. Polany
Notary Public

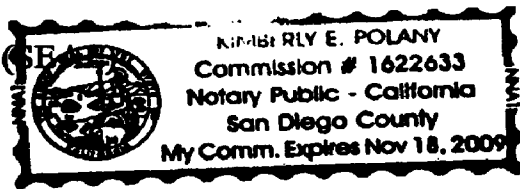
My commission expires 11-18-2009

Inventor's Signature: _____

Toshiaki Maruyama

State of California ,
County of San Diego)

Then personally appeared before me the above-named Toshiaki Maruyama and acknowledged that he executed the foregoing instrument as his free act and deed this 17 day of MARCH, 2006.



Kimberly E. Polany
Notary Public

My commission expires 11, 18 2009

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S): Katherine S. Bowdish and John McWhirter

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on
Reel
Frame

hereby sells, assigns and transfers to

ASSIGNEE: Alexion Pharmaceuticals Inc.
352 Knotter Drive
Cheshire, CT 06410

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest, including the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

**Polypeptides and Antibodies Derived From Chronic
Lymphocytic Leukemia Cells and Uses Thereof**

which is described in

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on _____
- (b) ☒ U.S. patent application Serial No. 10/996,316 filed November 23, 2004 which is a continuation in part of U.S. Application No. 10/894,672 filed July 20, 2004 which is a continuation in part of U.S. Application No. 10/736,188 filed December 15, 2003, which is a continuation-in-part of U.S. Application Serial No. 10/379,151, filed March 4, 2003, which in turn is a continuation in part of PCT/US01/47931 filed on December 10, 2001, which is an international application that claims priority to U.S. Provisional Application No. 60/254,113 filed December 8, 2000.
- (c) _____
- (d) ☐ U.S. patent no. _____ issued _____
(also check (c) if foreign application(s) is also being assigned)
- (e) ☒ and any legal equivalent thereof in a foreign country, and, in and to, all United States and foreign Letters Patent, for the full term thereof, to be obtained for said invention by the above application or any continuation, division, renewal, extension or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

PATENT

REEL: 021386 FRAME: 0254

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

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNOR further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNOR relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR hereby grants ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

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

INVENTOR(S):

Katherine S. Bowdish
Katherine S. Bowdish

Dated: 1/31/05

State of California)

County of

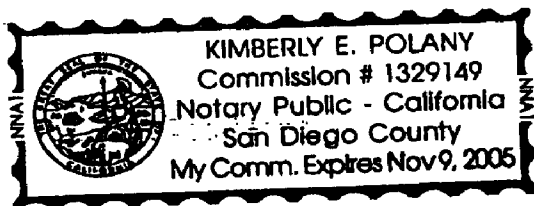
San Diego

ss:

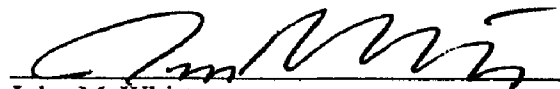
On this 31st day of January 2005, before me personally appeared Katherine S. Bowdish known to me to be the person described in and who executed the above instrument, and acknowledged to me that ~~he~~ ^{her} she executed the same of ~~his~~ ^{her} own free will for the purposes therein set forth.

Kimberly E. Polany
Notary Public

AFFIX SEAL



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

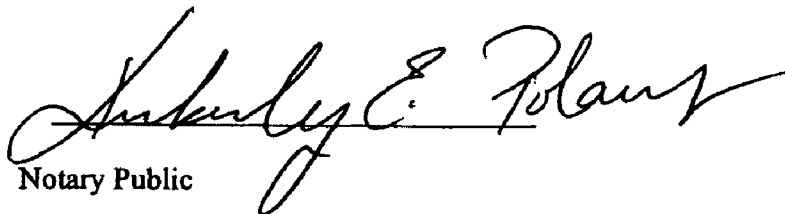

John McWhirter

Dated: 1/31/05

State of California)

County of San Diego) ss Cheshire

On this 31st day of January ²⁰⁰⁵~~2004~~, before me personally appeared John McWhirter known to me to be the person described in and who executed the above instrument, and acknowledged to me that he/~~she~~ executed the same of his own free will for the purposes therein set forth.


Notary Public

