

08-17-2005



103063227  
PATENTS ONLY

Docket: 54/4 US (1087-2)

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  
Shana Frederickson  
Mark Renshaw  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Alexion Pharmaceutical, Inc.  
Internal Address: \_\_\_\_\_

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) May 25, 2005  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other Correction of Serial No. on Assignment

Street Address: 352 Knotter Drive  
City: Cheshire  
State: Connecticut  
Country: USA Zip: 06410  
Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
10/006,593  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
  
OPR/FR/...

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Carter, DeLuca, Farrell & Schmidt, LLP  
Internal Address: \_\_\_\_\_  
Street Address: 445 Broadhollow Road  
Suite 225  
City: Melville  
State: NY Zip: 11747  
Phone Number: 631-501-5700  
Fax Number: 631-501-3526  
Email Address: \_\_\_\_\_

**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 50-2140  
Authorized User Name \_\_\_\_\_

**9. Signature:**  
Peter DeLuca  
Signature  
Name of Person Signing

August 11, 2005  
Date  
Total number of pages including cover sheet, attachments, and documents: 6

06/16/2005 DBYRME 00000669 10006593  
01 FC:0021

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**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,

ASSIGNORS: Katherine S. Bowdish, Shana Frederickson and Mark Renshaw

(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 sell, assign and transfer 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:

**Rationally Designed Antibodies**

which is described in

- (a)  U.S. patent application 10/006,593.
- (b)  This application claims priority from Provisional Application No. 60/251,488 filed December 5, 2000, Provisional Application No. 60/288,889 filed on May 4, 2001, and Provisional Application No. 60/294,068 filed on May 29, 2001.
- (c)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
(also check (d) if foreign application(s) is also being assigned)
- (d)  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;

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;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE;

ASSIGNORS further covenant 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.

ASSIGNORS hereby grant 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.

INVENTORS:

*Katherine S. Bowdish*

Katherine S. Bowdish

Dated: 5-25-05

State of California )  
County of San Diego ) ss:

Before me this 25<sup>th</sup> day of MAY 2005, 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 she executed the same of 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.

INVENTORS:

Shana Frederickson  
Shana Frederickson

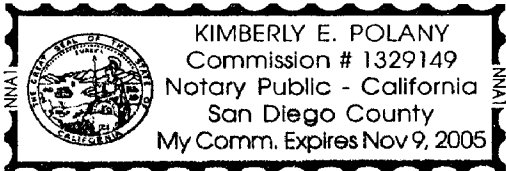
Dated: 5/25/05

State of California )  
County of San Diego ) ss:

Before me this 25<sup>th</sup> day of MAY 2005, personally appeared **Shana Frederickson** known to me to be the person described in and who executed the above instrument, and acknowledged to me that she executed the same of 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.

INVENTORS:

Mark Renshaw  
Mark Renshaw

Dated: 5/25/05

State of California )  
County of San Diego ) ss:

Before me this 25<sup>th</sup> day of MAY 2005, personally appeared **Mark Renshaw** known to me to be the person described in and who executed the above instrument, and acknowledged to me that ~~she~~ he executed the same of ~~her~~ his own free will for the purposes therein set forth.

Kimberly E. Polany  
Notary Public

AFFIX SEAL

