FAX TO: ASSIGNMENT BRANCH, U.S.P.T.O. FAX NO.: 571-273-0140

Form PTO-1595 (Rev. 11/08)

Attorney Docket No. 021167-002910US

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

OMB No. 0651-3027 (exp. 12/31/2008)	
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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)	2. Name and address of receiving party(les)
Christopher R. Bebbington Kenneth Luehrsen Geoffrey T. Yarranton	Name: KaloBios Pharmaceuticals, Inc. Internal Address:
Mark Baer	Street Address: 260 E. Grand Avenue
Additional nam∋(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Stiest Address.
Execution Date(s) 12/12/08; 12/12/08; 12/10/08; 12/9/08	City: South San Francisco
Assignment Merger Security Agreement Change of Name	State: California
Joint Research Agreement Government Interest Assignment	Country:Zip: 94080
Executive Order 9424, Confirmatory License Other	Additional name(s) & address(es) attached? Tyes X No
A. Patent Application No.(s) 12/325,806	s document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached? Yes No	
5. Name arid address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Jean M. Lockyer, Ph.D.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: TOWNSEND AND TOWNSEND AND CREW LLP Street Address: Two Embarcadero Center, Eighth Floor	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: San Francisco	8. Payment Information
State: California Zip: 94111-3834 Phone Number: (415) 576-0200	Account Number <u>20-1430</u>
Fax Number: (415) 576-0300	Authorized User Name_Townsend and
Email Address: imlockyer@townsend.com	Townsend and Crew LLP
9. Signature:	January 21, 2009
Signature	Date
Jean M. Lockyet, Ph.D. Name of Person Signing Atty. Reg. No. 44,879 Total number of pages including cover sheet, attachments, and documents:	

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REEL: 022140 FRAME: 0868

Attorney Docket No.: 021167-002910US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Christopher R. Bebbington of 132 Avila Road, San Mateo, CA 94402; Kenneth Luchrsen of 58 Patrick Way, Half Moon Bay, CA 94019; Geoffrey T. Yarranton of 1148 Balboa Avenue, Burlingume, CA 94010; and Mark Baer of 1064 Dolores Street, No. 6, San Francisco, CA 94110, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

ANTIBODIES TO THE PCRV ANTIGEN OF

PSEUDOMONAS AERUGINOSA

Filing Date:

December 1, 2008

Application No.:

12/325,806; and

WHEREAS, KaloBios Pharmaceuticals, Inc., a corporation of the state of Delaware, located at 260 E. Grand Ave., South San Francisco, CA 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated. Christopher H. Bebbington SIGNATURE WITNESSED BY: Dated: 12/12/08 Dated: 12/12/08 Signature of Witness <u>Va M. (paillara</u> Printed Name SIGNATURE WITNESSED BY: Nibha Chanhorn
Signature of Witness VIBHA CHAUHAN Printed Name Signature of Witness

Assignment of USSN 12/215,806

Attorney Docket No.: 021167-002910US

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Dated: 10 Dec 2008

SIGNATURE WITNESSED BY:

Dated: 10 Dec. 2008

SIGNATURE WITNESSED BY:

Signature of Witness

Sonia Pollitt Printed Name

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