PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3416355

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER R. BEBBINGTON	05/29/2009
KENNETH LUEHRSEN	05/29/2009
GEOFFREY T. YARRANTON	05/29/2009

RECEIVING PARTY DATA

Name:	KALOBIOS PHARMACEUTICALS, INC.
Street Address:	442 LITTLEFIELD AVENUE
City:	SOUTH SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94080

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13460151
Application Number:	14677604

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	BER: 87142-940345 (003230US)	
NAME OF SUBMITTER:	MALINDA DAGIT	
SIGNATURE:	/Malinda C. Dagit/	
DATE SIGNED:	06/26/2015	

Total Attachments: 2

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PATENT 503369733 REEL: 035918 FRAME: 0208

Attorney Docket No.: 021167-003210US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Christopher R. BEBBINGTON of 260 E. Grand Avenue, South San Francisco, California 94080; Kenneth LUEHRSEN of 260 E. Grand Avenue, South San Francisco, California 94080; and Geoffrey T. YARRANTON of 260 E. Grand Avenue, South San Francisco, California 94080, 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 GRANULOCYTE-MACROPHAGE

COLONY-STIMULATING FACTOR

Filing Date:

April 28, 2009

Application No.:

12/431,661; 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.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

PATENT REEL: 035918 FRAME: 0209 Assignment of USSN 12/431,661 Attorney Docket No.: 021167-003210US Page 2 of 2 SIGNATURE WITNESSED BY: WITNESS Signature: WITNESS Printed Name: WITNESS Signature: WITNESS Printed Name: Kenneth LUEHRSEN SIGNATURE WITNESSED BY: WITNESS Signature: WITNESS Printed Name: WITNESS Signature: Sunda WITNESS Printed Name: Lynda Gaillarg Dated: 29h May 200 SIGNATURE WITNESSED BY:

WITNESS Printed Name:

WITNESS Signature: WITNESS Printed Name:

WITNESS Signature:

guda Gailley

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RECORDED: 06/26/2015