

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark W. Eshoo	04/20/2011
Christopher Crowder	04/14/2011
RECEIVING PARTY DATA	
Name:	Ibis Biosciences, Inc.
Street Address:	2251 Faraday Avenue
Internal Address:	Suite 150
City:	Carlsbad
State/Country:	CALIFORNIA
Postal Code:	92008
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13046186
CORRESPONDENCE DATA	
Fax Number:	(760)476-3301
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	mmatteson@ibisbio.com
Correspondent Name:	Ibis Biosciences, Inc.
Address Line 1:	2251 Faraday Avenue
Address Line 2:	Suite 150
Address Line 4:	Carlsbad, CALIFORNIA 92008
ATTORNEY DOCKET NUMBER:	IBB_10373USO1
NAME OF SUBMITTER:	Melissa D. Matteson
Total Attachments: 4 source=10373USL1_ASGN_TBF#page1.tif source=10373USL1_ASGN_TBF#page2.tif source=10373USL1_ASGN_TBF#page3.tif source=10373USL1_ASGN_TBF#page4.tif	

CH \$40.00 13046186

501514927

PATENT
REEL: 026195 FRAME: 0151

ASSIGNMENT

WHEREAS, Mark W. Eshoo of Solana Beach, CA, and Christopher Crowder of Carlsbad, CA; hereinafter called the "Assignor", have made the invention described in the United States patent application entitled "Parasite Detection Via Endosymbiont Detection" that has a U.S. Patent Application Serial Number of 13/046,186 and was filed on March 11, 2011;

WHEREAS, Ibis Biosciences, Inc., a corporation organized and existing under the laws of Delaware, having a place of business at 2251 Faraday Avenue, Suite 150, Carlsbad, CA 92008, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of this Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

DOCKET NO.: 10373US01

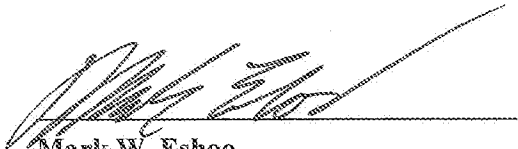
PATENT

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment

ASSIGNMENT - Page 2 of 4

PATENT
REEL: 026195 FRAME: 0153


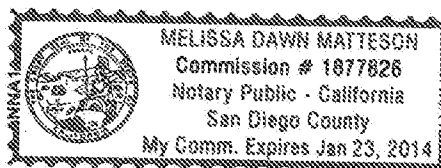
IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

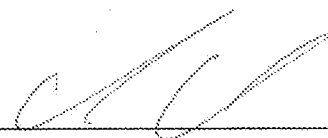
Dated: 4/20 20 11
Mark W. EshooState of CaliforniaCounty of San Diego } ss.

On April 20, 2011 before me, Melissa Dawn Matteson, Notary Public, personally appeared Mark W. Eshoo, who is proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

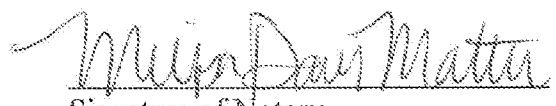
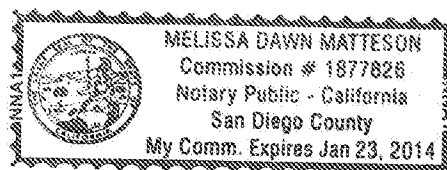

Signature of Notary

Dated: 4/14 2011
Christopher CrowderState of California)
County of San Diego) ss.

On April 14, 2011 before me, Melissa Dawn Matteson, Notary Public, personally appeared Christopher Crowder, who is proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Signature of Notary

ASSIGNMENT - Page 4 of 4