

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5649090

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABHINAV ALOK SHUKLA	01/22/2015
HEATHER BETHEA HORNE	01/21/2015
SUSAN COOK	01/23/2015
TIMOTHY MARTIN KELLY	01/23/2015
VICTORIA ANNE DOWLING	01/21/2015
MIALY FANJAMALALA RAMAROSON	01/21/2015
RECEIVING PARTY DATA	
Name:	KBI BIOPHARMA, INC.
Street Address:	1101 HAMLIN ROAD
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27704
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15113699
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	STERNE, KESSLER, GOLDSTEIN AND FOX P.L.L.C.
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ATTORNEY DOCKET NUMBER:	3151.0090001
NAME OF SUBMITTER:	BONNIE NANNENGA-COMBS
SIGNATURE:	/Bonnie W. Nannenga-Combs 67,836/
DATE SIGNED:	08/01/2019

Total Attachments: 7

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **Abhinav Alok SHUKLA, Heather Bethea HORNE, Susan COOK, Timothy Martin KELLY, Victoria Anne DOWLING, and Mialy Fanjamalala RAMAROSON**, hereby sell and assign to **KBI Biopharma, Inc.**, a corporation, whose mailing address is 1101 Hamlin Road, Durham, North Carolina 27704 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **Downstream Processing of an Alkaline Phosphatase** for which application for patent in Europe has a filing date of January 24, 2014 (also known as European Application No. EP14152542.8), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including international applications, non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all international applications, continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;


all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any international, non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any international, non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: Jan 22, 2015 Signature of Inventor: 
Abhinav Alok SHUKLA

Date: _____ Signature of Inventor: _____
Heather Bethea HORNE

Date: _____ Signature of Inventor: _____
Susan COOK

Date: _____ Signature of Inventor: _____
Timothy Martin KELLY

Date: _____ Signature of Inventor: _____
Victoria Anne DOWLING

Date: _____ Signature of Inventor: _____
Mialy Fanjamalala RAMAROSON


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The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any international, non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
Abhinav Alok SHUKLA

Date: 1/21/15 Signature of Inventor: 
Heather Bethea HORNE

Date: _____ Signature of Inventor: _____
Susan COOK

Date: _____ Signature of Inventor: _____
Timothy Martin KELLY

Date: _____ Signature of Inventor: _____
Victoria Anne DOWLING

Date: _____ Signature of Inventor: _____
Mialy Fanjamalala RAMAROSON

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
Abhinav Alok SHUKLA

Date: _____ Signature of Inventor: _____
Heather Bethea HORNE

Date: 1/23/2015 Signature of Inventor: 
Susan COOK

Date: _____ Signature of Inventor: _____
Timothy Martin KELLY

Date: _____ Signature of Inventor: _____
Victoria Anne DOWLING

Date: _____ Signature of Inventor: _____
Mialy Fanjamalala RAMAROSON

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Date: _____ Signature of Inventor: _____
Abhinav Alok SHUKLA

Date: _____ Signature of Inventor: _____
Heather Bethea HORNE

Date: _____ Signature of Inventor: _____
Susan COOK

Date: 23 July 2015 Signature of Inventor: 
Timothy Martin KELLY

Date: _____ Signature of Inventor: _____
Victoria Anne DOWLING

Date: _____ Signature of Inventor: _____
Mialy Fanjamalala RAMAROSON

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
Abhinav Alok SHUKLA

Date: _____ Signature of Inventor: _____
Heather Bethea HORNE

Date: _____ Signature of Inventor: _____
Susan COOK

Date: _____ Signature of Inventor: _____
Timothy Martin KELLY

Date: 21 Jan 2015 Signature of Inventor: Victoria Anne DOWLING
Victoria Anne DOWLING

Date: _____ Signature of Inventor: _____
Mialy Fanjamalala RAMAROSON

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: _____ Signature of Inventor: _____
Abhinav Alok SHUKLA

Date: _____ Signature of Inventor: _____
Heather Bethea HORNE

Date: _____ Signature of Inventor: _____
Susan COOK

Date: _____ Signature of Inventor: _____
Timothy Martin KELLY

Date: _____ Signature of Inventor: _____
Victoria Anne DOWLING

Date: 21 January 2015 Signature of Inventor: M. Ramar
Mialy Fanjamalala RAMAROSON

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