

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM377048

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
PACIFIC WESTERN BANK (AS SUCCESSOR IN INTEREST BY MERGER TO SQUARE 1 BANK)		02/01/2016	STATE CHARTERED BANK: CALIFORNIA
RECEIVING PARTY DATA			
Name:	KBI BIOPHARMA, INC.		
Street Address:	1101 Hamlin Road		
City:	Durham		
State/Country:	NORTH CAROLINA		
Postal Code:	27704		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	3723384	KSEP	
Registration Number:	4340914	KBI BIOPHARMA	
Registration Number:	4353266	THE SCIENCE TO SUCCEED	
CORRESPONDENCE DATA			
Fax Number:	9193541278		
<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>			
Phone:	919-314-3086		
Email:	loandocsdept@square1bank.com		
Correspondent Name:	PACIFIC WESTERN BANK		
Address Line 1:	406 BLACKWELL STREET		
Address Line 2:	SUITE 240		
Address Line 4:	DURHAM, NORTH CAROLINA 27701		
NAME OF SUBMITTER:	Nicholas Nance		
SIGNATURE:	/nicholasnance-tkf/		
DATE SIGNED:	03/17/2016		
Total Attachments: 4			

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RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of February 1, 2016, by **PACIFIC WESTERN BANK** (as successor in interest by merger to Square 1 Bank) ("Lender") in favor of **KBI BIOPHARMA, INC.**, a Delaware corporation ("Company") with its principal place of business located at 1101 Hamlin Rd., Durham, NC 27704.

Recitals

WHEREAS Company granted to Lender a security interest in its copyrights, patents and trademarks, including without limitation the patents and trademarks described on Exhibits A and B attached hereto, respectively, (collectively, the "Intellectual Property") under an Intellectual Property Security Agreement dated as of October 31, 2011 (the "Security Agreement"), and recorded with the US Patent and Trademark Office as set forth on Exhibits A and B.

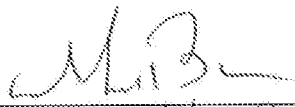
WHEREAS Company has no outstanding obligations to Lender under the terms of the Security Agreement, Lender agrees to release its security interest in the Intellectual Property.

Agreement

Now therefore, Lender agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to Company, without warranty or recourse, all interest of Lender in the Intellectual Property.

LENDER:

PACIFIC WESTERN BANK


Name: Mike Brown
Title: Area Manager

406 Blackwell Street
Suite 240
Durham, NC 27701

EXHIBIT A

Patents

Lender's security interest in the following patents was recorded at the US Patent and Trademark Office on **November 1, 2011** at Reel and Frame Number **027152/0611**:

<u>Description</u>	<u>Patent Application No./Issued Patent No.</u>	<u>Date</u>
Methods and systems for manipulating particles using a fluidized bed	13/054276	5-12-2011
Methods and systems for manipulating particles using a fluidized bed	13/054292	5-12-2011
Centrifugal fermentation process	5622819	4-22-1997
Centrifugal fermentation process	5821116	10-13-1998
Centrifugal fermentation process	6133019	10-17-2000
Centrifugal fermentation process	6214617	4-10-2001
Methods and devices for remediation and fermentation	6660509	12-9-2003
Methods and devices for remediation and fermentation	6703217	3-9-2004
Biocatalyst chamber encapsulation system for bioremediation and fermentation	6916652	7-12-2005
Methods and compositions for chromatography	6942804	9-13-2005
Methods and compositions for chromatography	7347943	3-25-2008
Methods and compositions for chromatography	8425770	4-23-2013

Patents continued:

Lender's security interest in the following patents was recorded at the US Patent and Trademark Office on **February 4, 2013** at Reel and Frame Number **029751/0551**:

<u>Description</u>	<u>Patent Application Number</u>	<u>Date</u>
Methods, systems and apparatus for manipulating particles	13499807	7-16-2012

Lender's security interest in the following patents was recorded at the US Patent and Trademark Office on **July 13, 2015** at Reel and Frame Number **036071/0636**:

<u>Description</u>	<u>Patent Application Number</u>	<u>Date</u>
Formulations for bovine granulocyte colony stimulating factor and variants thereof	13239493	9-22-2011

EXHIBIT B

Trademarks

Lender's security interest in the following trademarks was recorded at the US Patent and Trademark Office on **November 1, 2011** at Reel and Frame Number **4652/0217**:

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
KSEP	3723384	12-8-2009

Lender's security interest in the following trademarks was recorded at the US Patent and Trademark Office on **February 4, 2013** at Reel and Frame Number **4955/0601**:

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
KBI BIOPHARMA	4340914	5-28-2013
THE SCIENCE TO SUCCEED	4353266	6-18-2013