

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sunil Mehta	05/06/2011
Tod Herman	05/06/2011
Harold Ross	05/09/2011
Khurshid Iqbal	05/06/2011
Joe McMahon	05/10/2011
RECEIVING PARTY DATA	
Name:	KBI Biopharma, Inc.
Street Address:	1101 Hamlin Road
Internal Address:	P.O. Box 15579
City:	Durham
State/Country:	NORTH CAROLINA
Postal Code:	27704
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13054276
CORRESPONDENCE DATA	
Fax Number:	(919)854-1401
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	jpaoli@myersbigel.com
Correspondent Name:	MYERS BIGEL SIBLEY & SAJOVEC
Address Line 1:	PO BOX 37428
Address Line 4:	RALEIGH, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	9775-2X
NAME OF SUBMITTER:	Stephen J. Petroski

CH \$40.00 13054276

Total Attachments: 7

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Sunil Mehta**, a citizen of India, residing at 2109 Jadewood Drive, Morrisville, NC 27560; **Tod Herman**, a citizen of the United States of America, residing at 5624 Bowater Crossing, Hillsborough, NC 27278; **Harold Ross**, a citizen of the United States of America, residing at 412 Newquay Lane, Wake Forest, NC 27587; **Khurshid Iqbal**, a citizen of the United States of America, residing at 518 Annadale Drive, Berwyn, PA 19312; and **Joe McMahon**, a citizen of the United States of America, residing at 102 Falkner Drive, Chapel Hill, NC 27517;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **METHODS AND SYSTEMS FOR MANIPULATING PARTICLES USING A FLUIDIZED BED** for which U.S. Patent Application No. 13/054,276 was filed on January 14, 2011 in the United States Patent and Trademark Office; and

WHEREAS, **KBI Biopharma, Inc.** a Delaware corporation, having its principal place of business at 1101 Hamlin Road, PO Box 15579, Durham, NC 27704, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said non-provisional application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 06 day of MAY, 2011.

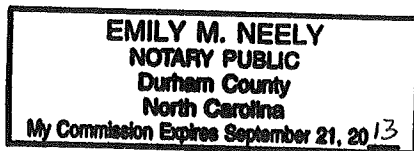
Sunil Mehta (SEAL)
Sunil Mehta

STATE OF North Carolina)
COUNTY OF Durham)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 6th day of May, 2011.

Emily M. Neely
Notary Public

SEAL
My Commission Expires: 09/21/2013



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 6th day of May, 2011.

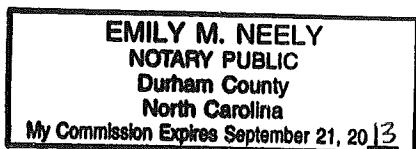
Tod Herman (SEAL)
Tod Herman

STATE OF North Carolina)
COUNTY OF Durham)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 6th day of May, 2011.

Emily M. Neely
Notary Public

SEAL
My Commission Expires: 9/13/2013



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 09 day of May, 2011.

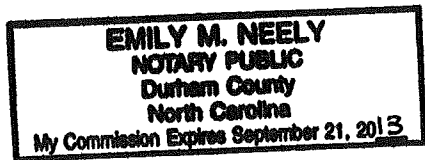
Harold Ross (SEAL)
Harold Ross

STATE OF North Carolina)
COUNTY OF Durham)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 09 day of May, 2011.

Emily M. Neely
Notary Public

SEAL
My Commission Expires: 09/21/2013



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 6th day of May, 2011.

[Signature] (SEAL)
Khurshid Iqbal

STATE OF Pennsylvania
COUNTY OF Chester;

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 6th day of May, 2011.

[Signature]
Notary Public

SEAL
My Commission Expires: Nov. 12, 2013

NOTARIAL SEAL
CAROLYN ISAACS
Notary Public
TREDYFFRIN TWP, CHESTER COUNTY
My Commission Expires Nov 12, 2013

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10th day of May, 2011.

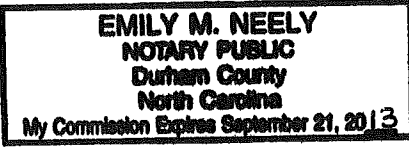
[Signature] (SEAL)
Joe McMahon

STATE OF North Carolina)
)
COUNTY OF Durham)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 10th day of May, 2011.

Emily M. Neely
Notary Public

SEAL
My Commission Expires: 09/21/2013



WHEREBY **KBI Biopharma, Inc.** acknowledges and accepts the assignment;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10th day of May, 2011. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee, **KBI Biopharma, Inc.**

By: [Signature] (SEAL)

Title: President & CEO

STATE OF North Carolina

COUNTY OF Durham)

Before me personally appeared the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this 10th day of May, 2011.

Emily M. Neely
Notary Public

SEAL
My Commission Expires: 09/21/2013

