

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2804464

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXANDER KARPEISKY	08/13/2012
SHAWN ZINNEN	08/13/2012
MURALI URLAM	08/13/2012
VLADIMIR Y. VVEDENSKY	08/14/2012
ANDREI P. GUZAEV	08/14/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MBC PHARMA, INC.
<b>Street Address:</b>	12635 E. MONTVIEW BOULEVARD
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	AURORA
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80045
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14236178
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	303-223-1100
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<b>Correspondent Name:</b>	BROWNSTEIN HYATT FARBER SCHRECK, LLP
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<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	017300.0031/MBC0006USWO
<b>NAME OF SUBMITTER:</b>	CARA L. CROWLEY-WEBER
<b>SIGNATURE:</b>	/Cara L. Crowley-Weber/
<b>DATE SIGNED:</b>	04/08/2014
<b>Total Attachments: 4</b>	
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PATENT

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ASSIGNMENT

WHEREAS, the undersigned inventor(s) Alexander Karpeisky, residing at Lafayette, CO, Shawn Zinnen, residing at Denver, CO, Murali Urlam, residing at Denver, CO, Vladimir Y. Vvedensky, residing at San Diego, CA and Andrei P. Guzaev, residing at Escondido, CA (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **VITAMIN B6 DERIVATIVES OF NUCLEOTIDES, ACYCLONUCLEOTIDES AND ACYCLONUCLEOSIDE PHOSPHONATES** for which an application for patent was filed on August 1, 2012 as International Application Serial No. PCT/US2012/049181, and

WHEREAS, **MBC Pharma, Inc.**, a corporation organized and existing under and by virtue of the laws of the State of Colorado ("Assignee") having a place of business at **12635 E. Montview Boulevard, Suite 100, Aurora, CO 80045**, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding international and foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

Assignor hereby authorizes and requests Merchant & Gould P.C., to insert herein above the application serial number and filing date of said application when known.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 8/13/12

Alexander Karpeisky  
Alexander Karpeisky

STATE OF Colorado )

COUNTY OF Adams )

ss.

The foregoing instrument was acknowledged before me this 13 day of August, 2012, by Alexander Karpeisky.

Witness my hand and official seal.

My commission expires: 11/30/13

Vicki Jennings

1 of 3

Vicki Jennings  
Notary Public  
State of Colorado  
My Commission Expires 11/30/2013

Notary Public

Date: 8/13/2012

[Signature]  
Shawn Zinnen

STATE OF Colorado )  
COUNTY OF Adams ) ss.

The foregoing instrument was acknowledged before me this 13 day of August, 2012, by Shawn Zinnen.

Witness my hand and official seal.  
My commission expires: 11/30/13

[Signature]  
Notary Public  
Vicki Jennings  
Notary Public  
State of Colorado  
My Commission Expires 11/30/2013

Date: 08/13/2012

[Signature]  
Murali Urlam

STATE OF Colorado )  
COUNTY OF Adams ) ss.

The foregoing instrument was acknowledged before me this 13 day of August, 2012, by Murali Urlam.

Witness my hand and official seal.  
My commission expires: 11/30/12

[Signature]  
Notary Public  
Vicki Jennings  
Notary Public  
State of Colorado  
My Commission Expires 11/30/2013

Date: 08.14.2012

[Signature]  
Vladimir Y. Vvedensky

STATE OF California )  
 )  
COUNTY OF San Diego ) ss.

The foregoing instrument was acknowledged before me this 14<sup>th</sup> day of August, 2012,  
by Vladimir Y. Vvedensky.

Witness my hand and official seal.  
My commission expires: 03/04/16

Loretta M. Barnard  
Notary Public



Date: 8/14/2012

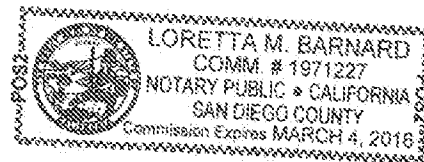
[Signature]  
Andrei P. Guzaev

STATE OF California )  
 )  
COUNTY OF San Diego ) ss.

The foregoing instrument was acknowledged before me this 14<sup>th</sup> day of August, 2012,  
by Andrei P. Guzaev.

Witness my hand and official seal.  
My commission expires: 03/04/16

Loretta M. Barnard  
Notary Public



See attached California  
All-Purpose Acknowledgement

ACKNOWLEDGMENT

State of California  
County of San Diego

On 8/14/2012 before me, LORETTA M. BARNARD, Notary Public  
(insert name and title of the officer)

personally appeared Andrei Paol Suraru and Vladimiro Vladensky  
who 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/s/he/they executed the same in  
his/his/their authorized capacity(ies), and that by his/his/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 Loretta M. Barnard (Seal)