

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3878091

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KATHLENE POWELL	08/06/2014
RAMESH MUTTAVARAPU	07/25/2014
RECEIVING PARTY DATA	
Name:	RAPTOR PHARMACEUTICALS INC.
Street Address:	5 HAMILTON LANDING
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City:	NOVATO
State/Country:	CALIFORNIA
Postal Code:	94949
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15042823
Patent Number:	9173851
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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ATTORNEY DOCKET NUMBER:	31075/47722B AND 47722D
NAME OF SUBMITTER:	MICHAEL MUCZYNSKI
SIGNATURE:	/Michael Muczynski/
DATE SIGNED:	05/18/2016
Total Attachments: 4	
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MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

ASSIGNMENT

Serial No: 14/306,303
Filed: June 17, 2014

International Application No. PCT/US14/42607
PCT Filed: June 17, 2014

Title: Delayed Release Cysteamine Bead Formulation, and Methods of Making and Using Same

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to RAPTOR PHARMACEUTICALS INC., 5 Hamilton Landing, Suite 160, Novato, California 94949 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned.


Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, title and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said

patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee,

Thomas. E. Daley
Name
Chief Business Officer
Title

hereby confirms Assignee's acceptance of all rights, privileges, title and interests conveyed by this assignment.


Signature
August 7, 2014
Date

WITNESS our hands this

6th day of August, 2014.

State of California
County of Marin

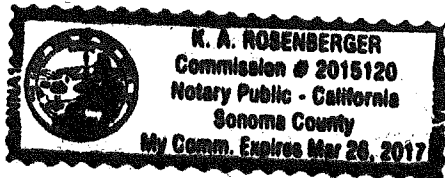
Kathlene Powell
Kathlene Powell

On this 6th day of August, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared Kathlene Powell known to me personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that she executed said instrument as her free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

3/26/2017 [Signature]
Notary Public



WITNESS our hands this

25 day of July, 2014.

State of

County of

Ohio
Hamilton

Ramesh Muttavarapu
Ramesh Muttavarapu

On this 25th day of July, 2014, before me, a
Notary Public in and for the County and State aforesaid, appeared Ramesh Muttavarapu known to me
personally or proved to me on the basis of satisfactory evidence to be the same person whose name is
subscribed to the foregoing instrument and acknowledged that he executed said instrument as his free and
voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

September 26, 2016

Sharen M. Nelson
Notary Public



SHAREN M. NELSON
Notary Public, State of Ohio
My Commission Expires
September 26, 2016