

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5054025

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAY A. WHITE	10/18/2013
SAMIR P. TABASH	10/18/2013
SAMMY A. AGUDOAWU	10/21/2013
JOEL Z. MELNICK	10/18/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OPKO IP HOLDINGS II, INC.
<b>Street Address:</b>	4400 BISCAYNE BLVD.
<b>City:</b>	MIAMI
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33137
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15990354
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)474-0448
<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>	
<b>Email:</b>	anagelberg@marshallip.com
<b>Correspondent Name:</b>	MARSHALL, GERSTEIN & BORUN LLP
<b>Address Line 1:</b>	233 SOUTH WACKER DRIVE
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	31138/47359D
<b>NAME OF SUBMITTER:</b>	AUDREY NAGELBERG
<b>SIGNATURE:</b>	/Audrey Nagelberg/
<b>DATE SIGNED:</b>	07/17/2018
<b>Total Attachments: 5</b>	
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ASSIGNMENT

Serial No: 61/801,896

Filed: March 15, 2013

Title: STABILIZED MODIFIED RELEASE VITAMIN D FORMULATION AND METHOD OF ADMINISTERING SAME

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to OPKO IP HOLDINGS II, INC., a Cayman Island entity having a corporate address at 4400 Biscayne Blvd., Miami, Florida 33137 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 a joint inventor with another undersigned 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, titles 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, titles 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, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

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,

Monte R. Browder

Name

Chief Patent Counsel

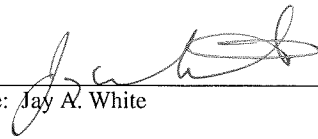
Title



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

  
Signature


10/30/2013  
Date

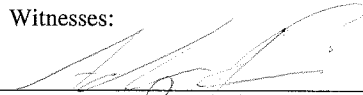

WITNESS our hands this 18<sup>th</sup> day of October, 2013.

  
Name: Jay A. White

Witnesses:  
  


WITNESS our hands this 18<sup>th</sup> day of October, 2013.

  
Name: Samir P. Tabash

Witnesses:  
  


WITNESS our hands this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Name: Sammy A. Agudoawu

Witnesses:  
\_\_\_\_\_  
\_\_\_\_\_

WITNESS our hands this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

Witnesses:

\_\_\_\_\_  
Name: Jay A. White


WITNESS our hands this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.


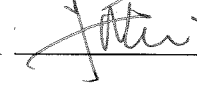
Witnesses:

\_\_\_\_\_  
Name: Samir P. Tabash

WITNESS our hands this 21<sup>st</sup> day of October, 2013.

Witnesses:

  
\_\_\_\_\_  
Name: Sammy A. Agudoawu

  
\_\_\_\_\_  


WITNESS our hands this 18<sup>th</sup> day of October, 2013.

State of Illinois  
County of Lake

Joel Z. Melnick  
Joel Z. Melnick

On this 18<sup>th</sup> day of October, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared Joel Z. Melnick, 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: December 14, 2015 Judith L. Sandahl  
Notary Public

