502661051 01/31/2014

PATENT ASSIGNMENT COVER SHEET

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NAME OF SUBMITTER:

Signature:

EPAS ID: PAT2707658

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DATA						
N			lame	Execution Date		
PHILLIP FROST			10/11/2013			
RECEIVING PARTY DATA						
Name:	ОРКО РНАГ	OPKO PHARMACEUTICALS, LLC				
Street Address:	4400 BISCA	4400 BISCAYNE BOULEVARD				
City:	МІАМІ					
State/Country:	FLORIDA					
Postal Code:	33137					
Property Type			Number			
		61691	61691455			
		61791	61791693			
			S2013055084			
Application Number: 61862300						
CORRESPONDENCE DATA						
Fax Number: (305)575-4140 Email: patents@opko.com						
Email: patents@opko.com Correspondence will be sent via US Mail when the email attempt is unsuccessful.						
Correspondent Name: OPKO HEALTH, INC.						
Address Line 1:			AYNE BOULEVARD			
Address Line 4: MIAMI, FLORIDA 33137						
ATTORNEY DOCKET NUMBER:			OPK00010			

PATENT 502661051 REEL: 032103 FRAME: 0946

LETITIA NEWBOLD

/Letitia Newbold/

Date:	01/31/2014
Total Attachments: 2 source=OPK00010_US_ASSIGNMENT#pag source=OPK00010_US_ASSIGNMENT#pag	

PATENT REEL: 032103 FRAME: 0947

	PATENT ASSIGNMENT	Docket Numl	oer: OPK00	010 US	
WHEREAS	, the undersigned:				
1. FRO 5	ST, Phillip, 21 Star Island, Miami Beach, F	FL 33139, U.S.A.			
<i>a</i>		46.1 *	4. •		
(hereinafter	"Inventor(s)"), have invented certain new	and useful improvem	ents in		
(hereinafter	"Inventor(s)"), have invented certain new	and useful improvem	ents in		
(hereinafter		and useful improvem			
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` □		E FORMULATIONS	S	led on	
(hereinafter	LIPOSOMI for which a United States Patent Applicator which Provisional Application Nos.	E FORMULATIONS ution No	fi fi ,693, and 61/8	862,300 filed on	
	for which a United States Patent Applica for which Provisional Application Nos 21, 2012, March 15, 2013, and August 5.	tion No61/691,455, 61/791,2013in the United	fi .693, and 61/3 I Stated Paten	862,300 filed on to Office;	August
` □	LIPOSOMI for which a United States Patent Applicator which Provisional Application Nos.	tion No. 61/691,455, 61/791, 2013 in the United PCT/US2013/0550	fi .693, and 61/3 I Stated Paten	862,300 filed on to Office;	August

WHEREAS, OPKO Pharmaceuticals, LLC, a limited liability company of the State of Delaware, having a place of business at 4400 Biscayne Boulevard, Miami, Florida 33137 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title, and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any said Patent(s).
- Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of

petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefore and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: / 10 / /	,_2013	Phillip Frost
STATE OF	FLORIDA MIAMI-DADE)) SS:)
On this day of _	October , 2013, on named in and who	before me personally appeared Phillip Frost, to me o executed the above instrument, and acknowledged to me that poses therein

My commission expires 3/4/2010

RECORDED: 01/31/2014

LETITIA NEWBOLD
MY COMMISSION # EE 176016
EXPIRES: March 6, 2016
Bonded Thru Notary Public Underwriters

Notary Public: Letitia Newbold