## 503294653 05/06/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Dat		
JOSEPH COLLARD			10/22/2014		
OLGA KHORKOVA S	HERMAN		01/28/2015		
RECEIVING PARTY I	ΟΑΤΑ				
Name:	CURNA	, INC.			
Street Address:	4400 B	SCAYNE BOULEVARD			
City:	MIAMI				
State/Country:	FLORIE	FLORIDA			
Postal Code:	33137				
Application Number		14579406			
Application Number		14579406			
CORRESPONDENCE	E DATA				
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		the e-mail address first; if that is ; if that is unsuccessful, it will be			
Email:	-	patents@opko.com			
•		OPKO HEALTH, INC.	•		
Address Line 1:		4400 BISCAYNE BOULEVARD			
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ATTORNEY DOCKET NUMBER:		CURN01030 D01			
NAME OF SUBMITTER:		LETITIA NEWBOLD	LETITIA NEWBOLD		
SIGNATURE:		/Letitia Newbold/	/Letitia Newbold/		
DATE SIGNED:		05/06/2015	05/06/2015		
Total Attachments: 3		·			
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WHEREAS, the undersigned:

- 1. COLLARD, Joseph, 1004 Brooks Lane, Delray Beach, FL 33483, U.S.A.
- 2. KHORKOVA SHERMAN, Olga, 18288 SE Heritage Drive, Tequesta, FL 33469, U.S.A.

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

## TREATMENT OF PARAOXONASE 1 (PON1) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO PON1

$\boxtimes$	identified by United States Divisional Application No.	14/579,406	filed on December 22, 2014 ;
	identified by Provisional Application Nos.	filed on_	in the United Stated
	Patent Office;		
	identified by International Application No.	filed on	in the U.S. Receiving
	Office of the Patent Cooperation Treaty:		
$\boxtimes$	is also aware of the following priority applications:		

Serial No.:	13/377,884; Filed on December 13, 2011
Serial No.:	PCT/US2010/038785; Filed on June 16, 2010
Serial No.:	61/187,311; Filed on June 16, 2009

(hereinafter "Application(s)")

WHEREAS, CuRNA, Inc., a corporation 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:

1. 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).

2. 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

## PATENT REEL: 035575 FRAME: 0316

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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: October 2014

STATE OF FLORIDA COUNTY OF MILLINI-

JØSEPH COLLARD

SS:

On this  $22^{n/2}$  day of <u>October</u>, 2014, before me personally appeared <u>Joseph Collard</u>, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein

set forth. LETTIA NEWBOLD Notary Public - Telitia Yew Jog MY COMMISSION # EE 176016 EXPIRES: March 6, 2016 Bonded Thru Notary Public Underwriters SEAL My commission expires: <u>3/1</u>

Date: 072 × 15,	201A
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OLGA KHORKOVA SHERMAN

STATE OF FLORIDA	)
COUNTY OF Pala B	) SS: )

On this 2k day of 4mary, 2014, before me personally appeared Olga Khorkova Sherman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires: <u>Feb 6 20/6</u>

C	The Coule
blic	PAUL BENDIG Notary Public - State of Florida My Comm. Expires Feb 6, 2016 Commission # EE 166832

Date: \_\_\_\_\_, 2014

STATE OF \_\_\_\_\_) SS:

COUNTY OF \_\_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_\_, 2014, before me personally appeared \_\_\_\_\_\_, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires:

**RECORDED: 05/06/2015**