

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3341200

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH COLLARD	10/22/2014
OLGA KHORKOVA SHERMAN	01/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CURNA, INC.
<b>Street Address:</b>	4400 BISCAYNE BOULEVARD
<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>	14588442
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(305)575-4140
<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>	patents@opko.com
<b>Correspondent Name:</b>	OPKO HEALTH, INC.
<b>Address Line 1:</b>	4400 BISCAYNE BOULEVARD
<b>Address Line 4:</b>	MIAMI, FLORIDA 33137
<b>ATTORNEY DOCKET NUMBER:</b>	CURN01011 D01
<b>NAME OF SUBMITTER:</b>	LETITIA NEWBOLD
<b>SIGNATURE:</b>	/Letitia Newbold/
<b>DATE SIGNED:</b>	05/06/2015
<b>Total Attachments: 3</b>	
source=CURN01011 D01_US ASSIGNMENT#page1.tif	
source=CURN01011 D01_US ASSIGNMENT#page2.tif	
source=CURN01011 D01_US ASSIGNMENT#page3.tif	

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 REPROGRAMMING FACTOR RELATED DISEASES BY INHIBITION OF NATURAL  
ANTISENSE TRANSCRIPT TO A REPROGRAMMING FACTOR**

- ☒ identified by United States Divisional Application No. 14/588,442 filed on January 1, 2015 ;  
☐ identified by Provisional Application Nos. \_\_\_\_\_ filed on \_\_\_\_\_ in the United States  
Patent Office;  
☐ identified by International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ in the U.S. Receiving  
Office of the Patent Cooperation Treaty;  
☒ is also aware of the following priority applications:

Serial No.: 13/320,637; Filed on November 15, 2011

Serial No.: PCT/US2010/035264; Filed on May 18, 2010

Serial No.: 61/179,056; Filed on May 18, 2009, 61/233,996; Filed on August 14, 2009,  
and 61/286,852; Filed on December 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 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.

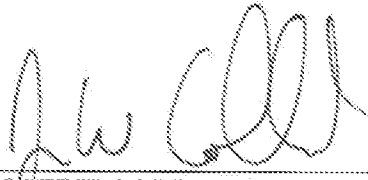
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

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 22, 2014

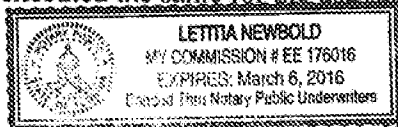
  
JOSEPH COLLARD

STATE OF FLORIDA )

COUNTY OF Miami-Dade )

SS:

On this 22nd day of October, 2014, before me personally appeared Joseph Collard, 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: 3/6/2016

Date: 012815, 2014

*Olga Khorkova Sherman*  
 OLGA KHORKOVA SHERMAN

STATE OF FLORIDA)  
 COUNTY OF Palm Beach) SS:

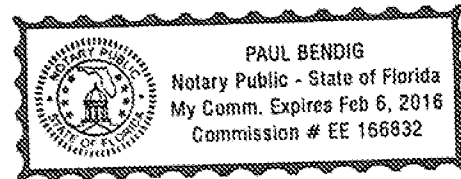
On this 28 day of January, 2014<sup>5</sup>, before me personally appeared Olga Khorkova Sherman, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

S E A L

Notary Public

My commission expires: Feb 6 2016

*Paul Bendig*  
 Notary Public



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

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

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.

S E A L

Notary Public

My commission expires: \_\_\_\_\_