# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOSEPH COLLARD	03/15/2018
OLGA KHORKOVA SHERMAN	04/13/2018

#### **RECEIVING PARTY DATA**

Name:	CURNA, INC.	
Street Address:	4400 BISCAYNE BLVD	
City:	MIAMI	
State/Country:	FLORIDA	
Postal Code:	33137	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16026359

#### **CORRESPONDENCE DATA**

**Fax Number:** (305)575-4140

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.

Email: PATENTS@OPKO.COM
Correspondent Name: OPKO HEALTH, INC
Address Line 1: 4400 BISCAYNE BLVD.
Address Line 4: MIAMI, FLORIDA 33137

ATTORNEY DOCKET NUMBER:	CURN01041 D02 US
NAME OF SUBMITTER:	SAYRA SUAREZ
SIGNATURE:	/SAYRA SUAREZ/
DATE SIGNED:	08/06/2018

### **Total Attachments: 3**

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PATENT 505036947 REEL: 046559 FRAME: 0120

	Docket Number: CU		
PATENT ASSIGNMENT			

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 DOWN SYNDROME GENE RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO A DOWN SYNDROME GENE

$\boxtimes$	identified by United S	tates Divisional Application No	o. 16/026.359 filed on	July 3, 2018;
		nal Application Nos.		in the United Stated
	Patent Office;			
	identified by Internation	onal Application No.	filed on	in the U.S. Receiving
	Office of the Patent C	operation Treaty:		
$\boxtimes$		lowing priority applications:		
	Serial No.:	14/546,828; Filed on Nover	nber 18, 2014	
	Serial No.:	13/379,743; Filed on Decen	nber 21, 2011; Now Par	tent No.: 8,921,330
	Serial No.:	PCT/US2010/039827; Filed	l on June 24, 2010	
	Serial No.:	61/220,747; Filed on June 2	26, 2009 and 61/235,753	2; Filed on August 21, 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).

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#### CURN01041 D02

- 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:	JOSEPH COLLARD
STATE OF FLORIDA  COUNTY OF Man Dodd	) ) SS:
COUNTY OF TOTAL POLCA CO	. )
On this day of day, 2018, before a known to be the person named in and who ex me that he executed the same for the uses and set forth.	me personally appeared
SEAL	Notary Public
My commission expires:	SAYRA E. SUATT  MY COMMISSION # FF 10272F  EXPIRED: March 17, 2018  Joaced Thru Bunget Ketzry Samices

CURN01041 D02

Date:	041318	, 2018	1ln
			OLGA KHORKOVA SHERMAN
STATE	OF <u>FLORIDA</u>	)	
COUNT	y of Falm B	each ) ss:	
to me kn	ne executed the same for	amed in and who ex	e me personally appeared Olga Khorkova Sherman, kecuted the above instrument, and acknowledged to oses therein
SEAL		Notar	y Public
My com	mission expires: <u>(KQ</u> )	ch 18, 2027	JACLYN K. SPIECKER  Spitary Public State of Floada  Commission # GG 197406  Commission # Jacky Public 18 2027

PATENT REEL: 046559 FRAME: 0123

**RECORDED: 08/06/2018**