

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6024445

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN P. TOSCANO	01/15/2014
FREDERICK ARTHUR BROOKFIELD	01/14/2014
STEPHEN MARTIN COURTNEY	01/14/2014
LISA MARIE FROST	01/14/2014
VINCENT JACOB KALISH	01/14/2014
JOHN REARDON	01/16/2014
RECEIVING PARTY DATA	
Name:	CARDIOXYL PHARMACEUTICALS, INC.
Street Address:	1450 RALEIGH ROAD
Internal Address:	EXCHANGE EAST, SUITE 212
City:	CHAPEL HILL
State/Country:	NORTH CAROLINA
Postal Code:	27517
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16779015
CORRESPONDENCE DATA	
Fax Number:	(212)931-8521
<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>	
Phone:	2125098800
Email:	info@byrnepoh.com
Correspondent Name:	NINA R. HORAN
Address Line 1:	11 BROADWAY
Address Line 2:	SUITE 760
Address Line 4:	NEW YORK, NEW YORK 10004
ATTORNEY DOCKET NUMBER:	0301180.137-US5
NAME OF SUBMITTER:	NINA R. HORAN
SIGNATURE:	/Nina R. Horan/
DATE SIGNED:	03/20/2020

PATENT

Total Attachments: 5

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source=0301180.137-US4_AssignmentKalishtoCardioxyl_AF (00231953xB6FAD)#page1.tif

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ASSIGNMENT

WHEREAS, I, the undersigned,

John P. Toscano, resident of 18 Tree Farm, Glen Arm, Maryland 21057, USA;

have invented certain new and useful improvements in "PHARMACEUTICAL COMPOSITIONS COMPRISING NITROXYL DONORS" and have executed an application for PCT International Application, having Application No. PCT/US2014/012089, filing date of January 17, 2014, and

WHEREAS, CARDIOXYL PHARMACEUTICALS, INC. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 1450 Raleigh Road, Exchange East, Suite 212, Chapel Hill, NC 27517, USA, desires to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by me (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration, receipt and sufficiency of which is acknowledged by me to have been received in full from said Assignee:

1. I do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. I 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 and foreign countries. Such cooperation by me 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 of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by me 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 me, my respective heirs, legal representatives and assigns.

4. I hereby warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. I hereby authorize and request the attorneys at Dechert LLP to insert the filing date and application number of said application when known, after this instrument has been executed.

IN WITNESS WHEREOF, I have executed and delivered this instrument to said Assignee.

Date: 1/15/14

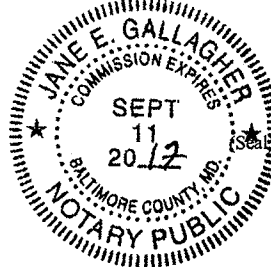
By: John P. Toscano
John P. Toscano

County of Baltimore)
State of Maryland) SS.

On this 15th day of January, in the year 2014, before me, January, Notary Public, personally appeared John P. Toscano, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of Maryland that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Jane E. Gallagher
(Notary Public)



ASSIGNMENT

WHEREAS, we, the undersigned,

Frederick Arthur Brookfield, resident of 114 Innovation Drive, Milton Park, Abingdon, Oxfordshire, United Kingdom OX14 4RZ;

Stephen Martin Courtney, resident of 114 Innovation Drive, Milton Park, Abingdon, Oxfordshire, United Kingdom OX14 4RZ; and

Lisa Marie Frost, resident of 114 Innovation Drive, Milton Park, Abingdon, Oxfordshire, United Kingdom OX14 4RZ;

have invented certain new and useful improvements in "PHARMACEUTICAL COMPOSITIONS COMPRISING NITROXYL DONORS" and have executed an application for PCT International Application, having Application No. PCT/US2014/012089, filing date of January 17, 2014, and

WHEREAS, **CARDIOXYL PHARMACEUTICALS, INC.** (hereinafter termed "Assignee"), an organization of the State of Delaware, having a place of business at 1450 Raleigh Road, Exchange East, Suite 212, Chapel Hill, NC 27517, USA, desires to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by us (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration, receipt and sufficiency of which is acknowledged by us to have been received in full from said Assignee:

1. We do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. We 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 and foreign countries. Such cooperation by us 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 of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by us 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 us, our respective heirs, legal representatives and assigns.

4. We hereby warrant and represent that we have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. We hereby authorize and request the attorneys at Dechert LLP to insert the filing date and application number of said application when known, after this instrument has been executed.

IN WITNESS WHEREOF, we have executed and delivered this instrument to said Assignee.

<p>By: <u>F.A. Brookfield</u> Frederick Arthur Brookfield</p> <p>Date: <u>14TH JANUARY 2014</u></p> <p>WITNESSES: Signature: <u>H. H. Hutcheson</u></p> <p>Signature: <u>Pabani Patel</u></p>	<p>By: <u>Stephen Martin Courtney</u> Stephen Martin Courtney</p> <p>Date: <u>14th January 2014</u></p> <p>WITNESSES: Signature: <u>H. H. Hutcheson</u></p> <p>Signature: <u>Pabani Patel</u></p>
<p>By: <u>Lisa Marie Frost</u> Lisa Marie Frost</p> <p>Date: <u>14TH JANUARY 2014</u></p> <p>WITNESSES: Signature: <u>H. H. Hutcheson</u></p> <p>Signature: <u>Pabani Patel</u></p>	

ASSIGNMENT

WHEREAS, I, the undersigned,

Vincent Jacob Kalish, resident of 344 Dubois Road, Annapolis, MD 21401, USA;

have invented certain new and useful improvements in "PHARMACEUTICAL COMPOSITIONS COMPRISING NITROXYL DONORS" and have executed an application for PCT International Application, having Application No. PCT/US2014/012089, filing date of January 17, 2014, and

WHEREAS, CARDIOXYL PHARMACEUTICALS, INC. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 1450 Raleigh Road, Exchange East, Suite 212, Chapel Hill, NC 27517, USA, desires to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by me (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration, receipt and sufficiency of which is acknowledged by me to have been received in full from said Assignee:

1. I do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
2. I 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 and foreign countries. Such cooperation by me 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 of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by me 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 me, my respective heirs, legal representatives and assigns.
4. I hereby warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
5. I hereby authorize and request the attorneys at Dechert LLP to insert the filing date and application number of said application when known, after this instrument has been executed.

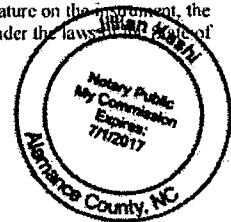
IN WITNESS WHEREOF, I have executed and delivered this instrument to said Assignee.

Date: 14 Jan 2014 By: [Signature]
Vincent Jacob Kalish

County of Orange)
State of North Carolina) SS.

On this 14 day of January, in the year 2014, before me, Jillian Kashi, Notary Public, personally appeared Vincent Jacob Kalish, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of North Carolina that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
Signature Jillian Kashi
(Notary Public)



ASSIGNMENT

WHEREAS, I, the undersigned,

John Reardon, resident of Cardioxyl Pharmaceuticals, Inc., 1450 Raleigh Road, Exchange East, Suite 212, Chapel Hill, NC 27517, USA

have invented certain new and useful improvements in "PHARMACEUTICAL COMPOSITIONS COMPRISING NITROXYL DONORS" and have executed an application for PCT International Application, having Application No. PCT/US2014/012089, filing date of January 17, 2014, and

WHEREAS, CARDIOXYL PHARMACEUTICALS, INC. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 1450 Raleigh Road, Exchange East, Suite 212, Chapel Hill, NC 27517, USA, desires to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by me (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration, receipt and sufficiency of which is acknowledged by me to have been received in full from said Assignee:

1. I do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. I 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 and foreign countries. Such cooperation by me 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 of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by me 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 me, my respective heirs, legal representatives and assigns.

4. I hereby warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. I hereby authorize and request the attorneys at Dechert LLP to insert the filing date and application number of said application when known, after this instrument has been executed.

IN WITNESS WHEREOF, I have executed and delivered this instrument to said Assignee.

Date: Jan 16, 2014

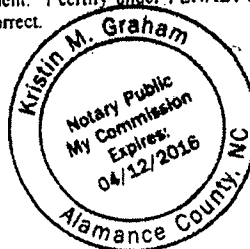
By: John E Reardon
John Reardon

County of Orange)
State of North Carolina) ss.

On this 16th day of January, in the year 2014, before me, Kristin M. Graham, Notary Public, personally appeared John Reardon, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of North Carolina that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Kristin M. Graham
(Notary Public)



(Seal)