

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4820764

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HEATHER O'NEILL	01/22/2018
MARK MIGLARESE	01/22/2018
GUNTER MAYER	02/02/2018
DAVID SPETZLER	01/22/2018
RECEIVING PARTY DATA	
Name:	CARIS SCIENCE, INC.
Street Address:	750 WEST JOHN CARPENTER FREEWAY, SUITE 800
City:	IRVING
State/Country:	TEXAS
Postal Code:	75039
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15745407
CORRESPONDENCE DATA	
Fax Number:	(214)294-5690
<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:	6505156931
Email:	patent@carisls.com
Correspondent Name:	CARIS SCIENCE, INC.
Address Line 1:	750 WEST JOHN CARPENTER FREEWAY, SUITE 800
Address Line 4:	IRVING, TEXAS 75039
ATTORNEY DOCKET NUMBER:	37901-826.831
NAME OF SUBMITTER:	JEFF THOMAS
SIGNATURE:	/Jeff Thomas/
DATE SIGNED:	02/12/2018
Total Attachments: 2	
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source=Assignments#page2.tif	

PATENT ASSIGNMENT

Docket Number 37901-826-831

WHEREAS, the undersigned:

1. O'NEILL, Heather
Mesa, AZ2. MAYER, Günter
Bonn, DE3. MIGLIARESE, Mark
Phoenix, AZ4. SPETZLER, David
Paradise Valley, AZ

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in United States Patent Application Serial No. 15/745,407, filed January 16, 2018, a national stage application of International Patent Application PCT/US16/44595, filed July 28, 2016, and titled "Therapeutic Oligonucleotides," and all other national stage applications in any jurisdiction thereof (hereinafter "Application(s)").

WHEREAS, Caris Science, Inc., a corporation of the State OR Commonwealth of Texas, having a place of business at 750 West John Carpenter Freeway, Suite 800, Irving, TX, 75039, (formerly at 6655 N. MacArthur Blvd., Irving, Texas 75039, and 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 of 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 therefor 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: 1/22/18 [Signature]
Heather O'Neill

Date: _____
Günter Mayer

Date: 1/22/18 [Signature]
Mark Migliarese

Date: _____
David Spetzler

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: _____

By: [Signature]
Name: Ruth Farr
Title: SVP & General Counsel

PATENT ASSIGNMENT

Docket Number 37901-826.831

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Mess, AZ2. MAYER, Günter
Bonn, DE3. MIGLARESE, Mark
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Date: _____
Heather O'Neill

Date: 02/12/18
Günter Mayer

Date: _____
Mark Miglarese

Date: _____
David Spetzler

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: _____

By: _____
Name: Russ Farr
Title: SVP & General Counsel