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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3443823

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEOFFREY PURDUM	01/14/2015
THEODORE A. TYLER	01/14/2015
MARIA I. VIZCAINO	01/22/2015
J. DAVID RIOS	01/20/2015
TREVOR PERCIVAL CASTOR	07/17/2015

RECEIVING PARTY DATA

Name:	APHIOS CORPORATION
Street Address:	3-E GILL STREET
City:	WOBURN
State/Country:	MASSACHUSETTS
Postal Code:	01801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14714433

CORRESPONDENCE DATA

Fax Number: (857)300-4001

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.

Phone: 857-300-4000

Email: bostonpatent@lathropgage.com, AJaniuk@lathropgage.com,

adanilova@lathropgage.com

Correspondent Name: LATHROP & GAGE LLP

Address Line 1: 28 STATE STREET

Address Line 2: 7TH FLOOR

Address Line 4: BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	569655:ACJ-010CON(APHIOS)
NAME OF SUBMITTER:	ANTHONY J. JANIUK
SIGNATURE:	/Anthony J. Janiuk/
DATE SIGNED:	07/17/2015

Total Attachments: 10

PATENT REEL: 036123 FRAME: 0848

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PATENT REEL: 036123 FRAME: 0849

ASSIGNMENT

WHEREAS, We,

Geoffrey Purdum of 14 Seneca Lane, Hamilton, New Jersey, 08690 United States of America

Theodore A. Tyler of 7 Circle Drive, Framingham, Massachusetts, 01702 United States of America

Maria I. Vizcaino of 15 Foster Street, New Haven, Connecticut, 06511 United States of America

and

J. David Rios of 418 Farms Drive, Burlington, Massachusetts, 01803 United States of America

have invented a certain new and useful invention entitled:

DRUG DELIVERY SYSTEM AND METHOD FOR THE TREATMENT OF NEURO-DEGENERATIVE DISEASE

U.S. Serial No.: 13/720,157, filed December 19, 2012

and for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, Aphios Corporation, a corporation having its principal place of business at 3-E Gill Street, Woburn, Massachusetts, 01801, United States of America, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Geoffrey Purdum, Theodore A. Tyler, Maria I. Vizcaino and J. David Rios have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said

Aphios Corporation, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
 - (b) said applications;
- (c) any and all re-filings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may
 issue from said applications, re-filings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the
 United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all re-filings, divisions and continuations of said foreign-filed applications;
- (h) all claims, causes of action and damages for past infringement, if any, of said application;
- (i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, re-filings, divisions and continuations; and
- (j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, Geoffrey Purdum, Theodore A. Tyler, Maria I. Vizcaino and
J. David Rios further agree that upon request we will provide promptly all pertinent facts
and documents relating to said invention and said Letters Patent and legal equivalents as
may be known and accessible and will testify as to the same in any interference, litigation
or proceeding related thereto and will promptly execute and deliver to

Aphios Corporation or its legal representatives any and all papers, instruments or

affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said Aphios Corporation, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This Assignment to have effect as of the filing date of December 19, 2012.

1/14/2015 Date	Afr	
Date'	Geofffey Purdum	
Witness: Melda Seren	Date 1/14/2015 Date 1/14/2015	lyn gir
Witness: Anna Hailey	Date \\(\frac{14\2015}{}	 -
Date	Theodore A. Tyler	
Witness:	Date	<u></u>
Witness:	Date	<u></u>
Date	Maria I. Vizcaino	i in ang and in an ang ang a
Witness:	Date	
Witness:	Date	

This Assignment to have effect as of the filing date of December 19, 2012.

Date	Geoffrey Purdum
Witness:	Date
Witness:	Date
1/14/2015	
Date	Theodore A. Tyler
Witness: <u>May Tylis</u>	Date//4/2015
Witness:	Date
Date	Maria I. Vizcaino
Witness:	Date
Witness	Date

This Assignment to have effect as of the filing date of December 19, 2012.

Date	Geoffrey Purdum
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Witness:	Date
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Witness:	
Date	Theodore A. Tyler
Witness	Data
Witness:	Date
Witness:	Date
<u>) [22] 2015</u> Date	Maria I. Vizcaino
Date	IAIMIN 1° S A INCAINMA
And the state of t	*
Witness: Comy Pere	E Date January 22, 2015
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Witness	Data

1/20/15	
Date	J. David Rios
Witness: Jean Land	trongto Date 1/20/5
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Attorney Docket No.: 569655; ACJ-010CON

ASSIGNMENT

WHEREAS, I, **Trevor Percival Castor**, of Arlington, MA, 02474, a citizen of the United States of America have invented a certain new and useful invention entitled:

DRUG DELIVERY SYSTEM AND METHOD FOR THE TREATMENT OF NEURO-DEGENERATIVE DISEASE

U.S. Application Serial No.: 14/714,433, filed May 18, 2015

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, APHIOS CORPORATION, a corporation duly organized under the laws of the United States of America, and having its principal place of business at 3-E Gill Street, Woburn, Massachusetts, 01801, United States of America, is desirous of acquiring all rights, title and interests in and to said invention, said application(s), and in and to any and all Letters Patent which may be granted for or upon said invention and application(s) in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I,

TREVOR PERCIVAL CASTOR, have sold, assigned and transferred, and by these

presents do sell, assign and transfer, unto said APHIOS CORPORATION, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
 - (b) said application(s);
- (c) any and all re-filings, divisions, continuations and continuations-in-part of said application(s);

Attorney Docket No.: 569655: ACJ-010CON

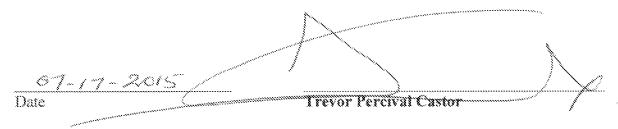
(d) any and all Letters Patent of the United States of America which may issue from said application(s), re-filings, divisions, continuations and continuations-in-part;

- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all application(s) for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all re-filings, divisions and continuations of said foreignfiled application(s);
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed application(s), re-filings, divisions and continuations; and
- (i) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.
- I, Trever Percival Caster, further agree that upon request I will provide promptly all pertinent facts and documents relating to said invention and said Letters. Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to APHIOS CORPORATION or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application(s), said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

All of the above shall be held and enjoyed by said APHIOS CORPORATION for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

Attorney Docket No.: 569655; ACJ-010CON

This Assignment to have effect as of the filing date of May 18, 2015.



Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

Sinite Lynn Fameton

Jensture 7 A. France France

<u>07-17-2015</u>

Date