504455306 07/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4502007

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYNEK WICHTERLE	06/29/2017
CHRISTOPHER E HENDERSON	06/29/2017
SEBASTIAN THAMS	07/01/2017

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	412 LOW MEMORIAL LIBRARY
Internal Address:	535 WEST 116TH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	14439620
Application Number:	61721013
PCT Number:	US2013067819

CORRESPONDENCE DATA

Fax Number: (212)541-4630

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: 2125412000

Email: tcrodriguez@bryancave.com

Correspondent Name: BRYAN CAVE LLP

Address Line 1: 1290 AVENUE OF THE AMERICAS
Address Line 4: NEW YORK, NEW YORK 10104

ATTORNEY DOCKET NUMBER: 0379639	
NAME OF SUBMITTER: TERESA C. RODRIGUEZ	
SIGNATURE: /Teresa C. Rodriguez/	
DATE SIGNED:	07/13/2017

PATENT 504455306 REEL: 042997 FRAME: 0899

Total Attachments: 6 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif source=ASSIGNMENT#page6.tif

Assignment

WHEREAS, I/WE

Hynek WICHTERLE, Christopher E. HENDERSON, and Sebastian THAMS

the ASSIGNOR(S), have invented certain new and useful improvements in

METHODS FOR IDENTIFYING CANDIDATES FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES

which are described and claimed in U.S. Patent Application No. 14/439,620, filed April 29, 2015, which is a National stage of International Application No. PCT/US2013/067819, filed October 31, 2013, which claims benefit of priority to U.S. Provisional Application No. 61/721,013, filed October 31, 2012 (Invention).

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign to

THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

having its principal offices at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027, USA, (hereinafter the "Assignee"), and the Assignee's successors, assigns, or legal representatives, all of my/our right, title and interest, in and to the Invention and any and all improvements thereto within the United States of America and its territories and possessions and all foreign countries, and in and to any patent application, including provisional or utility applications based thereon, and in and to any Letters Patent of the United States of America and all foreign countries, including utility models, inventor's certificates and like government grants, and in and to all divisions, reissues, reexaminations, continuations, continuations-in-part, and extensions thereof that may be granted therefor, and the right to apply for Letters Patent(s) in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor(s) by local laws or by treaty, including any international conventions, for the protection of industrial property, together with the right to extend the protection of the U.S. Letters Patent(s) to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all the rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made. And, Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue any U.S. Letters Patent, when granted, in accordance with this assignment.

UPON SAID CONSIDERATION, I/we do hereby represent and warrant that I have the full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or rights heretofore given. I/we do hereby covenant and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with this assignment, and that I/we will at any time upon request without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making

application for and obtaining original, continuing, divisional, reissued, reexamined, or extended Letters Patent(s) of the United States of America on the Invention or like protection in any foreign country, and in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the successors, assigns, or legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been exat, by:	recuted by the Assignor(s)
Hynek WICHTERLÉ	Dated:_6/29/2017
Christopher E. HENDERSON	Dated:
Sebastian THAMS	Dated:

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having its principal offices at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027, USA, (hereinafter the "Assignee"), and the Assignee's successors, assigns, or legal representatives, all of my/our right, title and interest, in and to the Invention and any and all improvements thereto within the United States of America and its territories and possessions and all foreign countries, and in and to any patent application, including provisional or utility applications based thereon, and in and to any Letters Patent of the United States of America and all foreign countries, including utility models, inventor's certificates and like government grants, and in and to all divisions, reissues, reexaminations, continuations, continuations-in-part, and extensions thereof that may be granted therefor, and the right to apply for Letters Patent(s) in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor(s) by local laws or by treaty, including any international conventions, for the protection of industrial property, together with the right to extend the protection of the U.S. Letters Patent(s) to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all the rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made. And, Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue any U.S. Letters Patent, when granted, in accordance with this assignment.

UPON SAID CONSIDERATION, I/we do hereby represent and warrant that I have the full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or rights heretofore given. I/we do hereby covenant and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with this assignment, and that I/we will at any time upon request without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making

application for and obtaining original, continuing, divisional, reissued, reexamined, or extended Letters Patent(s) of the United States of America on the Invention or like protection in any foreign country, and in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the successors, assigns, or legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been execute at, by:	ed by the Assignor(s)
Hynek WICHTERLE	Dated:
Christopher E. HENDERSON	Dated: 6/29/2017
Sebastian THAMS *	Dated:

Docket No.: IR CU13092 C035795/0379639

U.S.A.

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IN WITNESS WHEREOF, this Assignment has be at by	een executed by the Assignor(s)
Hynek WICHTERLE	Dated:
Christopher E. HENDERSON	Dated:
Sebastian THAMS	Dated: <u>July 1, 2017</u>