505067546 08/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5114302

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
VINCENT JACQUES	08/08/2018
LEONARDUS VAN DER PLOEG	08/03/2018

RECEIVING PARTY DATA

Name:	DEUTERX, LLC	
Street Address:	300 BRICKSTONE SQUARE, SUITE 201	
City:	ANDOVER	
State/Country:	MASSACHUSETTS	
Postal Code:	01810	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15805330

CORRESPONDENCE DATA

Fax Number: (617)523-1231

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: (617) 570-8764 Email: ile@goodwinlaw.com

Correspondent Name: GOODWIN PROCTER LLP Address Line 1: 100 NORTHERN AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	DEU-010C3	
NAME OF SUBMITTER:	R: DEREK DENHART	
SIGNATURE:	/Derek Denhart/	
DATE SIGNED:	08/28/2018	

Total Attachments: 6

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PATENT 505067546

REEL: 046728 FRAME: 0304

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CONFIRMATION OF ASSIGNMENT BY INVENTOR

THIS CONFIRMATORY ASSIGNMENT, made by Leonardus van der Ploeg (hereinafter referred to as Assignor), residing at 101 Hammond Street, Newton, Massachusetts 02467:

WHEREAS, Assignor has invented certain new and useful improvements in 5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING THE SAME, set forth in a Patent application for Letters Patent of the United States, already filed on November 7, 2017 as U.S. Application No. 15/805,330; and

WHEREAS, DeuteRx, LLC, a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 300 Brickstone Square, Suite 201, Andover, Massachusetts 01810 (hereinafter referred to as Assignee), employed or had employed Leonardus van der Ploeg at the time the invention(s) were made and for duties that included, or were likely to result in, one or more inventions; and

WHEREAS, Leonardus van der Ploeg and ASSIGNEE wish to confirm in writing that, Leonardus van der Ploeg automatically sold, assigned and transferred to ASSIGNEE his entire right, title and interest in and to the invention(s) and said application, at least as early as the filing date of said application.

NOW, THEREFORE, to all whom it may concern be it known that this

Confirmation of Assignment confirms that for and in consideration of said employment and of other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned and transferred and, to the extent necessary, do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest, which ASSIGNEE accepts, in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest, which ASSIGNEE accepts, in and to said application and such Letters Patent that may issue thereon, and applications that claim priority thereto under United States law or international or foreign convention and such Letters Patent (or equivalent grant) that may issue thereon, including but not limited to non-U.S., international, non-provisional, continuation, divisional,

reissue, reexamination, extension, and substitution applications of said application and such Letters Patent, and any right, title and interest I may have in invention(s) and applications to which said application claims priority including U.S. provisional and utility and non-U.S. applications, and the right to claim priority to said application for any such applications and Letters Patent; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby confirm that I conveyed and convey all of my rights arising under or pursuant to any and all United States laws and foreign and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment, including all rights to exclude others from practicing the claimed invention(s) and all rights to seek any and all remedies in law or equity, including damages and injunctive relief, for past, present, and future infringement. I hereby confirm and acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s) and applications, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein:

AND, I hereby further confirm and agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) and applications to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of papers for filing and prosecution of non-provisional, continuation, divisional, reissue, reexamination, extension and substitution applications, and corresponding foreign and international patent applications;

AND, I hereby further confirm and agree to provide statements or testimony in any interference, derivation or post-grant proceeding, or other proceeding in which said invention(s) or any application or Letters Patent relating thereto may be involved;

AND, I hereby confirm, authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns or legal representatives.

IN TESTIMONY WHEREOF, I and ASSIGNEE have caused this Confirmation of Assignment to be duly executed on the date(s) set forth below, where I and ASSIGNEE may execute this Confirmation of Assignment in counterparts, in which case each executed counterpart will be considered to be an original.

Date: August 3, 2018	Veonardus van dei Pideg
United States of America) State of $\underline{\underbrace{MassachuseHs}}$ ss.: County of $\underline{\underbrace{SuFFolk}}$	
On this 3rd day of August personally came Leonardus van der Ploes described in and who executed the foregoing instruof the same.	g, to me known to be the individual
CATHY J. FOLSTER Notary Public Commonwealthor massachuseris My Commission Expires August 19, 2022	Cathy Folder Notary Public Cathy J. Felster

CONFIRMATION OF ASSIGNMENT BY INVENTOR

THIS CONFIRMATORY ASSIGNMENT, made by Vincent Jacques (hereinafter referred to as Assignor), residing at 118 Roger Avenue, Apt. #2, Somerville, Massachusetts 02144;

WHEREAS, Assignor has invented certain new and useful improvements in 5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING THE SAME, set forth in a Patent application for Letters Patent of the United States, already filed on November 7, 2017 as U.S. Application No. 15/805,330; and

WHEREAS, DeuteRx, LLC, a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 300 Brickstone Square, Suite 201, Andover, Massachusetts 01810 (hereinafter referred to as Assignee), employed or had employed Vincent Jacques at the time the invention(s) were made and for duties that included, or were likely to result in, one or more inventions; and

WHEREAS, Vincent Jacques and ASSIGNEE wish to confirm in writing that, Vincent Jacques automatically sold, assigned and transferred to ASSIGNEE his entire right, title and interest in and to the invention(s) and said application, at least as early as the filing date of said application.

NOW, THEREFORE, to all whom it may concern be it known that this Confirmation of Assignment confirms that for and in consideration of said employment and of other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned and transferred and, to the extent necessary, do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest, which ASSIGNEE accepts, in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest, which ASSIGNEE accepts, in and to said application and such Letters Patent that may issue thereon, and applications that claim priority thereto under United States law or international or foreign convention and such Letters Patent (or equivalent grant) that may

issue thereon, including but not limited to non-U.S., international, non-provisional, continuation, divisional, reissue, reexamination, extension, and substitution applications of said application and such Letters Patent, and any right, title and interest I may have in invention(s) and applications to which said application claims priority including U.S. provisional and utility and non-U.S. applications, and the right to claim priority to said application for any such applications and Letters Patent; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby confirm that I conveyed and convey all of my rights arising under or pursuant to any and all United States laws and foreign and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment, including all rights to exclude others from practicing the claimed invention(s) and all rights to seek any and all remedies in law or equity, including damages and injunctive relief, for past, present, and future infringement. I hereby confirm and acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s) and applications, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein:

AND, I hereby further confirm and agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) and applications to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of papers for filing and prosecution of non-provisional, continuation, divisional, reissue, reexamination, extension and substitution applications, and corresponding foreign and international patent applications;

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AND, I hereby further confirm and agree to provide statements or testimony in any interference, derivation or post-grant proceeding, or other proceeding in which said invention(s) or any application or Letters Patent relating thereto may be involved;

AND, I hereby confirm, authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns or legal representatives.

IN TESTIMONY WHEREOF, I and ASSIGNEE have caused this

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ASSIGNEE may execute this Confirmation of Assignment in counterparts, in which case
each executed counterpart will be considered to be an original.

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	•		Vineen Tacques
Date:	8/8/2018	<u>.</u> .	11
United States of A	merica , /	1) ~	//
State of	Massachuset	Dss.: Some	Nle
County of	Muddlesers		
On this personally came described in and w	day of Avalve Vincent Lacq		, before me to me known to be the individual acknowledged execution
of the same.		F	aby-
	:	Notary P	ublic
		Δ	FINN A. BRYAN
		⑩	Notary Public Commonwealth of Massachusetts My Commission Expires

PATENT

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March 15, 2024