PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4013054

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHEILA DEWITT	05/26/2015
VINCENT JACQUES	05/26/2015
LEONARDUS VAN DER PLOEG	05/06/2015

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:	15109533

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: 617-570-1000

Email:tayube@goodwinlaw.com, cedavis@goodwinlaw.comCorrespondent Name:GOODWIN PROCTER LLP-PATENT ADMINISTRATOR

Address Line 1: 100 NORTHERN AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	DEU-013
NAME OF SUBMITTER:	CHAD E. DAVIS
SIGNATURE:	/Chad E. Davis/
DATE SIGNED:	08/17/2016

Total Attachments: 6

source=DEU-013_Assignment#page1.tif source=DEU-013_Assignment#page2.tif source=DEU-013_Assignment#page3.tif source=DEU-013_Assignment#page4.tif

PATENT 503966399 REEL: 039475 FRAME: 0768

source=DEU-013_Assignment#page5.tif source=DEU-013_Assignment#page6.tif

PATENT REEL: 039475 FRAME: 0769

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Sheila DeWitt; Vincent Jacques; and Leonardus van der Ploeg (hereinafter referred to as Assignors), residing at 346 Bunker Hill Road, Auburn, New Hampshire 03032; 118 Roger Avenue, Apt. #2, Somerville, Massachusetts 02144; and 101 Hammond Street, Newton, Massachusetts 02467, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE, set forth in International Patent Application No. PCT/US2015/011493, filed January 15, 2015; 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), is desirous of acquiring Assignors' entire right, title and interest in and to said inventions and said Application for Letters Patent, and in and to any Letters Patent to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignors' entire right, title and interest in and to the above-mentioned inventions and Application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said Application for Letters Patent, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

DEU-013PC

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of their entire right, title and interest in and to the said inventions and Application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and Applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

2 DEU-013PC

GOODWIN PROCTER LLP

All practitioners at Customer Number 051414

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

3 DEU-013PC

PATENT REEL: 039475 FRAME: 0772

5/26/2015 Date	Aheila DeWitt
Witness:	
Date	· · · · · · · · · · · · · · · · · · ·
OR	
United States of America State of Massachusetts) County of Essex	55.:
On this 26th day of May personally came Sheila DeWitt described in and who executed the foregoing ins of the same.	, do me known to be the individual strument, and acknowledged execution
JILLIANNE D. COSME Notary Public COMMONWEALTHOF MASSACHUSETIS My Commission Expires	Likare D. Cosne Notary Public

05 /26 /2015 Date	Vincentiacques
Witness:	
Date	
OR	
United States of America) State of <u>Hassachosetts</u>) se County of <u>Essex</u>	s.:
On this 26 day of 700 vincent Jacques described in and who executed the foregoing inst of the same.	to me known to be the individual rument, and acknowledged execution
	<u>Jellianne J. Costre</u> Notary Public
JILLIANNE D. COSME NOTORY Public COMMONWEALTHOFMASSACHUSETTS My Commission Expires March 05, 2021	

MH 6 201) Date	Leonardus van der Plyeg
Witness:	
Date	
OR	
United States of America State of County of United States of America State of Suffelice Su	
On this 6th day of May personally came Leonardus van der Plo described in and who executed the foregoing instruction of the same.	eg , to me known to be the individual rument, and acknowledged execution
	Notary Public J Folster
	CATHY J. FOLSTER SENTY PARK COMMISSION Explore Aug 6, 2015

ACTIVE/82284491.1