

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEUTERX, LLC	02/25/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	POXEL SA
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<b>City:</b>	LYON
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	69007
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17166588
<b>CORRESPONDENCE DATA</b>	
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<b>SIGNATURE:</b>	/Derek Denhart/
<b>DATE SIGNED:</b>	06/04/2021
<b>Total Attachments: 7</b>	
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## ASSIGNMENT

**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 Assignor), is the sole and exclusive owner, by assignment, of the Patent Applications listed in Schedule A; and

**WHEREAS**, Poxel SA, a Corporation organized under and pursuant to the laws of France having its principal place of business at Immeuble Le Sunway, 259-261 Avenue Jean Jaurès, 69007 Lyon, FRANCE (hereinafter referred to as Assignee), is desirous of acquiring the right, title and interest in, to and under said Patent Applications and the inventions covered thereby;

**NOW, THEREFORE**, in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Assignee, the entire right, title and interest for the United States of America and all other countries in and to said applications including the right to claim priority and the right to sue for and obtain injunctive relief, damages, and other relief in respect of any past, present and future infringements or misuse, for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries on the attached list of Schedule A, and the Commissioner of Patents and Trademarks and any foreign equivalent is hereby authorized and requested to issue all patents on Schedule A to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions listed on Schedule A whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said inventions listed on Schedule A in the United States of America and all other countries, the expenses incident to said applications listed on Schedule A to be borne and paid by said assignee.

**SCHEDULE A**

DRX-065 Related Patent Applications

<b>Docket No.</b>	<b>Application No.</b>	<b>Filing Date</b>	<b>Patent No.</b>	<b>Issue Date</b>	<b>Inventors</b>	<b>App Title</b>
DEU-005	12/233751	19-Sep-2008	8722710	13-May-2014	Anthony W. Czarnik	DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-005D1	14/272761	08-May-2014			Anthony W. Czarnik	DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-005D1C1	15/088472	01-Apr-2016	9925175	27-Mar-2018	Anthony W. Czarnik	DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-005D1C2	15/917983	12-Mar-2018			Anthony W. Czarnik	DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-005PR	60/975193	26-Sep-2007			Anthony W. Czarnik	DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-013EP	15737607.0	15-Jan-2015			Sheila DeWitt; Vincent Jacques; Leonardus Van der Ploeg;	METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-013	15/109533	07-Oct-2016			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-013D1	16/211488	6-Dec-2018			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-013PR	61/927708	15-Jan-2014			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE

DEU-013PR2	61/931808	27-Jan-2014			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-013WO	PCT/US2015/011493	15-Jan-2015			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING NEUROLOGICAL, METABOLIC, AND OTHER DISORDERS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-015C1	15/705541	15-Sep-2017			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	COMBINATION THERAPY USING ENANTIOPURE, OXY-SUBSTITUTED, DEUTERIUM-ENRICHED 5-(BENZYL)-5-DEUTERO-THIAZOLIDINE-2,4-DIONES FOR TREATMENT OF MEDICAL DISORDERS
DEU-015PR	62/135988	20-Mar-2015			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	COMBINATION THERAPY USING ENANTIOPURE, OXY-SUBSTITUTED, DEUTERIUM-ENRICHED 5-(BENZYL)-5-DEUTERO-THIAZOLIDINE-2,4-DIONES FOR TREATMENT OF MEDICAL DISORDERS
DEU-015WO	PCT/US2016/023007	18-Mar-2016			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	COMBINATION THERAPY USING ENANTIOPURE, OXY-SUBSTITUTED, DEUTERIUM-ENRICHED 5-(BENZYL)-5-DEUTERO-THIAZOLIDINE-2,4-DIONES FOR TREATMENT OF MEDICAL DISORDERS
DEU-018C1	15/705547	15-Sep-2017			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING BACTERIAL INFECTIONS AND FUNGAL INFECTIONS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE

DEU-018PR	62/136005	20-Mar-2015			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING BACTERIAL INFECTIONS AND FUNGAL INFECTIONS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE
DEU-018WO	PCT/US2016/023011	18-Mar-2016			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	METHODS OF TREATING BACTERIAL INFECTIONS AND FUNGAL INFECTIONS USING ENANTIOPURE DEUTERIUM-ENRICHED PIOGLITAZONE

Other Thiazolidinedione (TZD) Related Patent Applications

Docket No.	Application No.	Filing Date	Patent No.	Issue Date	Inventors	App Title
DEU-010AU	2014236510	14-Mar-2014			Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT
DEU-010CA	2941562	14-Mar-2014			Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES AND METHODS OF TREATMENT
DEU-010DE	602014020467.8	14-Mar-2014	2968298	31-Jan-2018	Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT
DEU-010EP	14768645.5	14-Mar-2014	2968298	31-Jan-2018	Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT
DEU-010FR	14768645.5	14-Mar-2014	2968298	31-Jan-2018	Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT
DEU-010GB	14768645.5	14-Mar-2014	2968298	31-Jan-2018	Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT
DEU-010JP	2016-502668	14-Mar-2014			Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT

DEU-010	14/211905	14-Mar-2014	8969581	03-Mar-2015	Sheila DeWitt	5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING SAME
DEU-010C1	14/616317	06-Feb-2015	9416117	16-Aug-2016	Sheila DeWitt	5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING SAME
DEU-010C2	15/226240	02-Aug-2016	9833445	05-Dec-017	Sheila DeWitt	5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING SAME
DEU-010C3	15/805330	07-Nov-2017			Sheila DeWitt	5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING THE SAME
DEU-010PR	61/786118	14-Mar-2013			Sheila DeWitt	5-DEUTERO-2,4-THIAZOLIDINEDIONE DERIVATIVES AND COMPOSITIONS COMPRISING AND METHODS OF USING SAME
DEU-010WO	PCT/US14/27943	14-Mar-2014			Sheila DeWitt	DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES DERIVATIVES AND METHODS OF TREATMENT
DEU-016C1	15/705544	15-Sep-2017			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINE-2,4-DIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME
DEU-016PR	62/135995	20-Mar-2015			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINE-2,4-DIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME
DEU-016WO	PCT/US2016/023008	18-Mar-2016			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINE-2,4-DIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME

DEU-017C1	15/705545	15-Sep-2017			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINYLDIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME
DEU-017PR	62/135998	20-Mar-2015			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINYLDIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME
DEU-017PR2	62/151073	22-Apr-2015			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINYLDIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME
DEU-017WO	PCT/US2016/023010	18-Mar-2016			Sheila DeWitt; Vincent Jacques; Leonardus van der Ploeg;	5-DEUTERO-THIAZOLIDINYLDIONE COMPOUNDS AND METHODS OF TREATING MEDICAL DISORDERS USING SAME



DeuteRx, LLC

By: Sheila DeWitt  
Sheila DeWitt, PhD

Title: President & CEO, Chair

Date: February 25, 2019

Witness:

02-25-2019                      Loriann M. Richer  
Date                                      Loriann M. Richer

Witness:

02/25/2019                      [Signature]  
Date                                      MARIE FOSTER