505386574 03/21/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5433367

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CORDANT RESEARCH SOLUTIONS, LLC	03/12/2019

RECEIVING PARTY DATA

Name:	MADISON CAPITAL FUNDING LLC, AS AGENT
Street Address:	227 WEST MONROE STREET
Internal Address:	SUITE 5400
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

PROPERTY NUMBERS Total: 4

Property Type	Number	
Patent Number:	10073069	
Application Number:	15045105	
Application Number:	16119281	
Application Number:	15239297	

CORRESPONDENCE DATA

Fax Number: (703)712-5050

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: 7037125000

Email: twassing@mcguirewoods.com

Correspondent Name: MCGUIREWOODS LLP

Address Line 1: 1750 TYSONS BOULEVARD

Address Line 2: SUITE 1800

Address Line 4: TYSONS, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	2043774-0035
NAME OF SUBMITTER:	TARA WASSING
SIGNATURE:	/Tara Wassing/
DATE SIGNED:	03/21/2019

Total Attachments: 4

PATENT REEL: 048659 FRAME: 0347

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PATENT REEL: 048659 FRAME: 0348

SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Supplement to Intellectual Property Security Agreement, dated as of March 12, 2019, is intended to supplement the Intellectual Property Security Agreement, dated February 4, 2015, made by the Grantors signatory thereto in favor of Madison Capital Funding, LLC, as Agent (the "Intellectual Property Security Agreement"). All defined terms herein shall have the meanings ascribed thereto or incorporated by reference in the Intellectual Property Security Agreement. The undersigned Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations hereby grants, assigns, conveys, mortgages, pledges, hypothecates and transfers to Agent, for the benefit of Agent and the Lenders, a Lien upon all of such Grantor's right, title and interest in, to and under the Intellectual Property Collateral of such Grantor, including, without limitation, the Patent listed on Schedule 1 of this Supplement to Intellectual Property Security Agreement, subject to the terms and conditions of the Intellectual Property Security Agreement. The undersigned Grantor further agrees that this Supplement to Intellectual Property Security Agreement may be attached to the Intellectual Property Security Agreement, and that the Patent listed on Schedule 1 of this Supplement to Intellectual Property Security Agreement shall be and become a part of the Intellectual Property Collateral referred to in said Intellectual Property Security Agreement and shall secure all Secured Obligations referred to in said Intellectual Property Security Agreement on the terms and conditions of the Intellectual Property Security Agreement.

[Remainder of page intentionally left blank; signatures to follow]

PATENT REEL: 048659 FRAME: 0349

GRANTOR:

CORDANT RESEARCH SOLUTIONS, LLC

Name: Jason Roeder

Title: Chief Financial Officer

ACCEPTED AND AGREED as of the date first above written:

MADISON CAPITAL FUNDING, LLC

as Agent

By: ___

Name: Rebecca Shaoul Title: Vice President

CORDANT RESEARCH SOLUTIONS, LLC SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT SIGNATURE PAGE

PATENT REEL: 048659 FRAME: 0351

Schedule 1 to Supplement to Intellectual Property Security Agreement

PATENT REGISTRATIONS

Grantor	Patent Number	Patent Application Number	Date Patent Issued	Filing Date
Cordant Research Solutions, LLC	10,073,069	14/785,608	09/11/2018	04/21/2014

PATENT APPLICATIONS

Grantor	Patent Application Number	Filing Date
Cordant Research Solutions, LLC	15/045,105	02/16/2016
Cordant Research Solutions, LLC	16/119,281	N/A
Cordant Research Solutions, LLC	15/239,297 Title: APPARATUSES AND METHODS FOR IDENTIFYING PATIENT RISK LEVEL FOR ABUSE, DIVERSION, OR ADVERSE DRUG REACTIONS INVOLVING CONTROLLED SUBSTANCES AND OTHER MEDICATIONS	8/17/2016

PATENT
RECORDED: 03/21/2019 REEL: 048659 FRAME: 0352