

## 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>
UNIVERSITY OF IOWA RESEARCH FOUNDATION	09/30/2011
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<b>Property Type</b>	<b>Number</b>
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<b>ATTORNEY DOCKET NUMBER:</b>	30972-0003003
<b>NAME OF SUBMITTER:</b>	JILL A. WRIGHT
<b>SIGNATURE:</b>	/Jill A. Wright/
<b>DATE SIGNED:</b>	04/01/2016

**Total Attachments: 2**

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## ASSIGNMENT

WHEREAS, University of Iowa Research Foundation (hereinafter "the University"), a university organized and existing under and by virtue of the laws of the state of Iowa, is the owner of an U.S. Patent Application entitled COMPOSITIONS AND METHODS FOR PREDICTING PREDISPOSITION TO A SUBSTANCE DISORDER, which was filed on April 28, 2009 and designated U.S. Patent Application number 61/173,274 (hereinafter "the U.S. Application").

AND WHEREAS inventors Robert Philibert and Anup Madan (hereinafter "Assignee") are desirous of acquiring the entire right, title and interest in and to inventions, improvements and application and in and to the U.S. Application;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, the University has sold, assigned, and transferred, and by these presents do sell, assign, transfer and set over unto the Assignee, its successors and assigns, the entire right, title and interest for all countries in and to all inventions disclosed in the U.S. Application, including all priority rights for other countries arising therefrom, and any and all present or future patent applications to such inventions that may be filled in the United States or any foreign country, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions, including U.S. applications under the Patent Cooperation Treaty ("PCT") and United States provisional patent applications, certificates of addition, utility models, petty patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, rights under the provisions of the International Convention, supplementary protection certificates, copyrights, trademarks, and data package exclusivity rights; and any and all Letters Patent of the United States and of all foreign countries and all related patent term extensions which may be granted for Letters of Patent with respect to the Application; and the University hereby authorizes and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns, to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by me had this Assignment and sale to Assignee not been made.

AGREED TO AND ACCEPTED on this 30 day of SEP 2011.

Zev Sunleaf  
Name

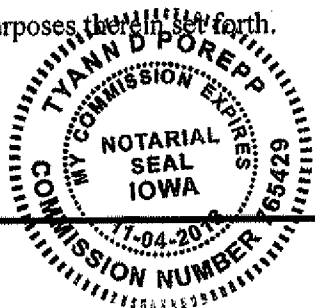
INTERIM EXECUTIVE DIRECTOR  
University of Iowa Research Foundation

STATE OF Iowa )  
 )ss

COUNTY OF Johnson )

On this 30 day of September, 2011 before me personally appeared Zev Sunleaf to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Tyann D Porepp  
Notary Public