502787421 04/29/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
P. JEFFREY CONN	10/23/2013
CRAIG W. LINDSLEY	10/23/2013
CHARLES DAVID WEAVER	12/05/2013
ALICE L. RODRIGUEZ	10/23/2013
COLLEEN M. NISWENDER	10/23/2013
CARRIE K. JONES	10/23/2013
RICHARD WILLIAMS	01/09/2014

RECEIVING PARTY DATA

Name:	VANDERBILT UNIVERSITY
Street Address:	2201 WEST END AVENUE
Internal Address:	305 KIRKLAND HALL
City:	NASHVILLE
State/Country:	TENNESSEE
Postal Code:	37240

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	60985041
PCT Number:	US0865647
Application Number:	12263224
Application Number:	13269933
Application Number:	13269977

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

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502787421 REEL: 032779 FRAME: 0220

ATTORNEY DOCKET NUMBER:	22000.0160	
NAME OF SUBMITTER:	D. BRIAN SHORTELL, J.D., PH.D.	
SIGNATURE:	/D. Brian Shortell, Reg. No. 56,020/	
DATE SIGNED:	04/29/2014	
Total Attachments: 9		
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ASSIGNMENT

WHEREAS, we, P. Jeffrey Conn of 9012 Grey Point Ct., Brentwood, TN 37027, United States of America; Craig W. Lindsley of 401 Brierly Court, Brentwood, TN 37027, United States of America; Charles David Weaver of 3012 Bridlewood Trail, Franklin, TN 37067, United States of America; Alice L. Rodriguez of 2215B Garland Ave., Nashville, TN 37232-0575, United States of America; Colleen M. Niswender of 9634 Brunswick Drive, Brentwood, TN 37027, United States of America; Carrie K. Jones of 7221 Highway 70 South, Apt. 636, Nashville, TN 37221, United States of America; and Richard Williams of 412 Ramblewood Circle, Nashville, TN 37221, United States of America (hereinafter, the "INVENTORS"), have invented new and useful improvements in "BICYCLIC MGLUR5" POSITIVE ALLOSTERIC MODULATORS AND METHODS OF MAKING AND USING SAME" (VU0886) (hereinafter, the "INVENTION") for which a United States Provisional Application was filed on November 2, 2007, and assigned Application No. 60/985,041, a United States Utility Application was filed on October 31, 2008, and assigned Application No. 12/263,224, an International Patent Application was filed on June 3, 2008, and assigned Application No. PCT/US08/65647, a United States Divisional Application was filed on October 10, 2011, and assigned Application No. 13/269,977, and a United States Divisional Application was filed on October 10, 2011, and assigned Application No. 13/269,933; and

WHEREAS, VANDERBILT UNIVERSITY, whose Post office address is Center for Technology Transfer and Commercialization, 305 Kirkland Hall, Nashville, Tennessee 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, the sufficiency and adequacy and receipt of which are hereby acknowledged, we, the INVENTORS, agree to assign and hereby do sell, assign and transfer, effective as of the filing date of the above patent application, unto said VANDERBILT UNIVERSITY the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming

priority to the above-identified application, reissue, reexamination, divisional, continuation-inpart, extension or continuation thereof and all rights of priority under the Paris Convention
arising from said application, and all other rights in the INVENTION possessed by the
INVENTORS, including the right to bring suit for damages due to past infringements; the same
for VANDERBILT UNIVERSITY'S legal representatives and assigns, as fully and entirely as
the same would have been held by us had this assignment and sale not been made;

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid VANDERBILT UNIVERSITY, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

AND, we, the INVENTORS, hereby authorize counsel for VANDERBILT UNIVERSITY to enter above information identifying applications claiming the INVENTION as well as any subsequent application claiming priority directly or indirectly to the above-listed applications under 35 U.S.C. § 119(e), including any reissues, reexaminations, divisions, continuations-in-part, extensions, or continuations thereof, and all rights of priority under the International Convention.

THIS ASSIGNMENT, received and accepted by VANDERBILT UNIVERSITY on this day of Feb., 2014, effective as of June 3, 2008.

Assignee Representative

Director of Commercial Operations Center for Technology Transfer and Commercialization

Title

IN WITNESS WHEREOF, I have executed	this Assignment this 23 day of 64, 2013,
effective as of June 3, 2008.	
_	P. Sely Cany
	P. JEFFREY CONN
Witnessed By:	Witnessed By:
Signature	Signature
Elizabeth Cahill	Trever Burbale
Printed Name of Witness	Printed Name of Witness
pisticht Hall	1215 Light Hall
Address of Witness	Address of Witness
Date: 1023/17	Date:

IN WITNESS WHEREOF, I have executed this effective as of June 3, 2008.	Assignment this
Witnessed By: Www.	Witnessed By: <u>Auster Rigor</u> Signature
Menissa Mayo Printed Name of Witness	Printed Name of Witness
1205 light Hall	1215 Light Hall
Address of Witness Date: \(\frac{10/\partial 3/13}{} \)	Address of Withess Date: 10/23/3

IN WITNESS WHEREOF, I have executed the effective as of June 3, 2008.	nis Assignment this 5 day of Dec, 2013,
	CHARLES DAVID WEAVER
Witnessed By: Signature	Witnessed By: <u>Joly Hank aus</u> Signature
Thomas J. Utley Printed Name of Witness	Joly Hankins Printed Name of Witness
1207 17th DeSNahville, TN 37212 Address of Witness	1207 17th Are S. Naskville TN 37212 Address of Witness
Date: Dec 5, 2013	Date: Dec 5,2013

Date: <u>2013 - 10 - 23</u>

Witnessed By: Note in the second of the Assignment this 23 day of 0 d 2013, 2013, effective as of June 3, 2008.

Witnessed By: Note in the second of the sec

Date: 2013-10-23

IN WITNESS WHEREOF, I have execute	d this Assignment this 23 day of 0ct, 2013,
effective as of June 3, 2008.	
	Coller M. Niswender
	COLLEEN M. NISWENDER
Witnessed By:	Witnessed By:
Signature	Signature
Trens Burbank	Elizabeth Cahill
Printed Name of Witness	Printed Name of Witness
1215M Light HAII	Address of Witness
Address of Witness	Address of Witness
Date: 10/23/13	Date: 10/23/13

IN WITNESS WHEREOF, I have execute	ed this Assignment this 25 day of 50 , 2013,
effective as of June 3, 2008.	James The
	CARRIE K. JONES
Witnessed By: Hookukou Signature	Witnessed By: Lie Lyly Signature
Printed Name of Witness	Printed Name of Witness
1215 LIGHT HALL Address of Witness	1215 Light Hall Address of Witness
Date: 2013-10-23	Date: <u>2013-10-23</u>

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	RICHARD WILLIAMS
	N
Witnessed By: <u>Pかん人</u>	Witnessed By: On Mo
Signature	Signature
PETERBULIUMO	KERPY HURNES
Printed Name of Witness	Printed Name of Witness
(Widney Wood Bellet, 3197AF	OF LIBBURD RD BELFTET BTO FFE
Address of Witness	Address of Witness
Date: OY(O)/ILY	Date: <u>09101114</u>

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