

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3880715

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY AUBE	04/07/2014
THOMAS EDWARD PRISINZANO	03/28/2014
FRANK JOHN SCHOENEN	03/31/2014
KEVIN JOHN FRANKOWSKI	03/31/2014
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF KANSAS
Street Address:	245 STRONG HALL
Internal Address:	1450 JAYHAWK BOULEVARD
City:	LAWRENCE
State/Country:	KANSAS
Postal Code:	66045
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15156887
CORRESPONDENCE DATA	
Fax Number:	(856)810-1454
<i>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.</i>	
Phone:	8568101515
Email:	poreilly@licataandtyrrell.com
Correspondent Name:	JANE MASSEY LICATA
Address Line 1:	LICATA & TYRRELL P.C.
Address Line 2:	66 E. MAIN ST.
Address Line 4:	MARLTON, NEW JERSEY 08053
ATTORNEY DOCKET NUMBER:	KS0008US.C1
NAME OF SUBMITTER:	JANE MASSEY LICATA
SIGNATURE:	/Jane Massey Licata/
DATE SIGNED:	05/19/2016
Total Attachments: 16	

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Attorney Docket No.: KS0008US.NP

A S S I G N M E N T

WHEREAS, we, Jeffrey Aube, residing at 846 East 1000 Road, Lawrence, Kansas 66047, Thomas Edward Prisinzano, residing at 917 Diamondhead Drive, Lawrence, Kansas 66049, Frank John Schoenen, 915 Summerfield Court, Lawrence, Kansas 66049 and Kevin John Frankowski, residing at 800 Eldridge Street, Lawrence, Kansas 66049, hereinafter referred to as the assignors, are inventors of certain inventions or improvements for which application for Letters Patent has been made through the Patent Cooperation Treaty, identified as Serial No. PCT/US2012/055354 filed September 14, 2012 and an application for Letters Patent has been made to the United States, identified as Serial No. 14/345,273 filed March 17, 2014, entitled Kappa Opioid Receptor Effectors and Uses Thereof; and

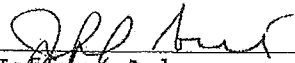
WHEREAS, University of Kansas, hereinafter referred to as the assignee, of 245 Strong Hall, 1450 Jayhawk Boulevard, Lawrence, Kansas 66045, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.



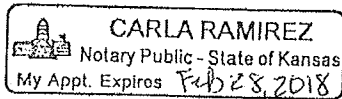
Jeffrey Aube (L.S.)

State of: Kansas :
COUNTY OF Douglas : Signed and Sealed

On this 7th day of April, 2014, before me personally came the above named Jeffrey Aube to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged

to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Carla Ramirez
Notary Public



Thomas Edward Prisinzano (L.S.)

COUNTY OF _____: Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Thomas Edward Prisinzano to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Frank John Schoenen (L.S.)

COUNTY OF _____: Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Frank John Schoenen to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Kevin John Frankowski (L.S.)

COUNTY OF _____: Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Kevin John Frankowski to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Attorney Docket No.: KS0008US.NP

A S S I G N M E N T

WHEREAS, we, Jeffrey Aube, residing at 846 East 1000 Road, Lawrence, Kansas 66047, Thomas Edward Prisinzano, residing at 917 Diamondhead Drive, Lawrence, Kansas 66049, Frank John Schoenen, 915 Summerfield Court, Lawrence, Kansas 66049 and Kevin John Frankowski, residing at 800 Eldridge Street, Lawrence, Kansas 66049, hereinafter referred to as the assignors, are inventors of certain inventions or improvements for which application for Letters Patent has been made through the Patent Cooperation Treaty, identified as Serial No. PCT/US2012/055354 filed September 14, 2012 and an application for Letters Patent has been made to the United States, identified as Serial No. 14/345,273 filed March 17, 2014, entitled Kappa Opioid Receptor Effectors and Uses Thereof; and

WHEREAS, University of Kansas, hereinafter referred to as the assignee, of 245 Strong Hall, 1450 Jayhawk Boulevard, Lawrence, Kansas 66045, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Jeffrey Aube (L.S.)

COUNTY OF _____ : Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Jeffrey Aube to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged

to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

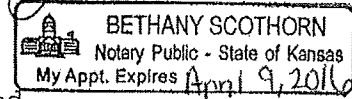
Notary Public

Thomas Edward Prisinzano (L.S.)
Thomas Edward Prisinzano

State of Kansas :

COUNTY OF Douglas :

Signed and Sealed



On this 28 day of March, 2014, before me personally came the above named Thomas Edward Prisinzano to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Bethany Scothorn
Notary Public

(L.S.)
Frank John Schoenen

SIGNED AND SEALED
COUNTY OF _____:

On this _____ day of _____, 2014, before me personally came the above named Frank John Schoenen to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Kevin John Frankowski (L.S.)

COUNTY OF _____: Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Kevin John Frankowski to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Attorney Docket No.: KS0008US.NP

A S S I G N M E N T

WHEREAS, we, Jeffrey Aube, residing at 846 East 1000 Road, Lawrence, Kansas 66047, Thomas Edward Prisinzano, residing at 917 Diamondhead Drive, Lawrence, Kansas 66049, Frank John Schoenen, 915 Summerfield Court, Lawrence, Kansas 66049 and Kevin John Frankowski, residing at 800 Eldridge Street, Lawrence, Kansas 66049, hereinafter referred to as the assignors, are inventors of certain inventions or improvements for which application for Letters Patent has been made through the Patent Cooperation Treaty, identified as Serial No. PCT/US2012/055354 filed September 14, 2012 and an application for Letters Patent has been made to the United States, identified as Serial No. 14/345,273 filed March 17, 2014, entitled Kappa Opioid Receptor Effectors and Uses Thereof; and

WHEREAS, University of Kansas, hereinafter referred to as the assignee, of 245 Strong Hall, 1450 Jayhawk Boulevard, Lawrence, Kansas 66045, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Jeffrey Aube (L.S.)

COUNTY OF _____: Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Jeffrey Aube to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged

to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Thomas Edward Prisinzano (L.S.)

COUNTY OF _____: Signed and Sealed

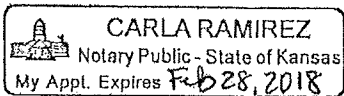
On this _____ day of _____, 2014, before me personally came the above named Thomas Edward Prisinzano to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Frank John Schoenen (L.S.)
Frank John Schoenen

COUNTY OF Douglas: Signed and Sealed

On this 31st day of March, 2014, before me personally came the above named Frank John Schoenen to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Carla Ramirez
Notary Public

Kevin John Frankowski (L.S.)

COUNTY OF _____ : Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Kevin John Frankowski to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Attorney Docket No.: KS0008US.NP

A S S I G N M E N T

WHEREAS, we, Jeffrey Aube, residing at 846 East 1000 Road, Lawrence, Kansas 66047, Thomas Edward Prisinzano, residing at 917 Diamondhead Drive, Lawrence, Kansas 66049, Frank John Schoenen, 915 Summerfield Court, Lawrence, Kansas 66049 and Kevin John Frankowski, residing at 800 Eldridge Street, Lawrence, Kansas 66049, hereinafter referred to as the assignors, are inventors of certain inventions or improvements for which application for Letters Patent has been made through the Patent Cooperation Treaty, identified as Serial No. PCT/US2012/055354 filed September 14, 2012 and an application for Letters Patent has been made to the United States, identified as Serial No. 14/345,273 filed March 17, 2014, entitled Kappa Opioid Receptor Effectors and Uses Thereof; and

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

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AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Jeffrey Aube (L.S.)

COUNTY OF _____ : Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Jeffrey Aube to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged

to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Thomas Edward Prisinzano (L.S.)

COUNTY OF _____: Signed and Sealed

On this _____ day of _____, 2014, before me personally came the above named Thomas Edward Prisinzano to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Frank John Schoenen (L.S.)

COUNTY OF _____: Signed and Sealed

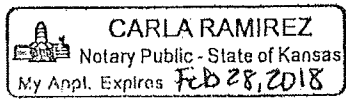
On this _____ day of _____, 2014, before me personally came the above named Frank John Schoenen to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

Kevin John Frankowski (L.S.)
Kevin John Frankowski

COUNTY OF Douglas : Signed and Sealed

On this 31st day of March, 2014, before me personally came the above named Kevin John Frankowski to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Carla Ramirez
Notary Public