505920535 02/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5967253

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY A. KLINE	09/16/2014
DAREN M. BEAM	10/09/2015
NATHAN J. ALVES	08/31/2015

RECEIVING PARTY DATA

Name:	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION	
Street Address:	518 INDIANA AVENUE	
City:	INDIANAPOLIS	
State/Country:	INDIANA	
Postal Code:	46202	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16792950	

CORRESPONDENCE DATA

Fax Number: (314)259-3939

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: 3148630800

Email: susan.brooks@stinson.com

Correspondent Name: STINSON LLP

Address Line 1: 7700 FORSYTH BLVD.

Address Line 2: **SUITE 1100**

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 2014-053-06 (3003527-0480 **NAME OF SUBMITTER:** STEVEN T. KAZMIERSKI SIGNATURE: /Steven T. Kazmierski/ **DATE SIGNED:** 02/18/2020

Total Attachments: 11

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IURTC Docket No. 14053 Application No. 62/033,898

ASSIGNMENT

Whereas, We, Jeffrey A. Kline, Nathan J. Alves and Daren M. Beam (ASSIGNORS), have an interest in an invention entitled: Tuneable Delivery of Nanoparticle Bound Active Plasmin for the Treatment of Thrombosis, which is the subject of a United States patent application that names the undersigned as inventors in:

☑ US Provisional Patent Application No. 62/033,898; filed August 06, 2014.

Indiana University Research and Technology Corporation, an Indiana corporation having its principal office at 351 West 10th Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNORS' interest in the invention.

ASSIGNORS acknowledge receipt and adequacy of good and valuable consideration in exchange for this assignment and hereby assign to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in the patent applications and/or patents listed above, in the United States and all foreign countries, including the right to all divisions, reissues, continuations and extensions thereof, as well as to claim priority under the laws of the United States, the Paris Convention, the Patent Cooperation Treaty and any foreign countries, for the full term of the patent, the same as if held by ASSIGNORS had this assignment not been made. This assignment includes the assignment of the right to recover for past infringements of, or liabilities for, any of the rights related to the applications or patents resulting from the invention.

ASSIGNORS covenant and agree to cooperate with ASSIGNEE and execute all instruments or documents requested for the making and prosecuting of any applications of any type for patent in the United States and in all foreign countries including, but not limited to the following: provisional, continuation, continuation-in-part, divisional, renewal or substitute, reissue, re-examination or extension. ASSIGNORS convent and agree to cooperate with ASSIGNEE in any interference, post-grant opposition or litigation regarding the invention, patents or applications regarding the invention, including testifying for the benefit of ASSIGNEE without further or other compensation than that provided in this Assignment.

ASSIGNORS covenant that no assignment, sale or agreement or encumbrance has been or will be entered into that would conflict with this Assignment.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to ASSIGNEE, and request that any official of a patent office in any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications, issue said Letters Patent, Utility Model Registration or Inventor's Certificate to ASSIGNEE.

ASSIGNORS grant the ASSIGNEE and/or attorney of record a power to insert on this Assignment any further identification that may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

3

IN WITNESS WHEREOF, ASSIGNOR executed this signment at	2014
(City, State or Country if outside US)	, 2014.
(Only, State of Country in Outside Co)	
A Adam	
Jeffrey A. Kline	
INVENTOR/ASSIGNOR	
ACKNOWLEDGEMENT	
On this day of Suptember_, 2014, before me person	41
On this day of, 2014, before me personal tributarian and the second state of the second state	onally appeared the foregoing
individual, who executed the foregoing instrument and who acknowledged same of their own free will for the purpose therein set forth.	to me that they executed the
Notary Public Nonta Jones Printed Name Donita Jones	
Printed Name Donita Jones	
County of Marion	
State of Pholiana	
My Commission Expires 2-31-2018	
	19. a 4 a a a a a a a a a a a a a a a a a
IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at this day of (City, State or Country if outside US)	, 2014.
(City, State of Country is outside 05)	
Nathan J. Alves	
INVENTOR/ASSIGNOR	
ACKNOWLEDGEMENT	
On this day of 2014 before me pers	onally anneared the foregoing
On this day of, 2014, before me persindividual, who executed the foregoing instrument and who acknowledged	to me that they executed the
same of their own free will for the purpose therein set forth.	
Notary Public	
Printed Name	
County of	
State of	
My Commission Expires	

IURTC Docket No. 2014-053-02 Application No. 62/098,584

ASSIGNMENT

Whereas, We, Jeffrey A. Kline, Nathan J. Alves and Daren M. Beam (ASSIGNORS), have an interest in an invention entitled: Benzamidine Derivatives for Inhibiting Plasmin and Delta-Plasmin, which is the subject of a United States patent application that names the undersigned as inventors in:

US Provisional Patent Application No. 62/098,584; filed December 31, 2014.

Indiana University Research and Technology Corporation, an Indiana corporation having its principal office at 351 West 10th Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNORS' interest in the invention.

ASSIGNORS acknowledge receipt and adequacy of good and valuable consideration in exchange for this assignment and hereby assign to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in the patent applications and/or patents listed above, in the United States and all foreign countries, including the right to all divisions, reissues, continuations and extensions thereof, as well as to claim priority under the laws of the United States, the Paris Convention, the Patent Cooperation Treaty and any foreign countries, for the full term of the patent, the same as if held by ASSIGNORS had this assignment not been made. This assignment includes the assignment of the right to recover for past infringements of, or liabilities for, any of the rights related to the applications or patents resulting from the invention.

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1

WITNESS WHEREOF, ASSIGNOR ex	
(City, State or Country if outside US)	this 26 day of February, 2015.
Heline	
Jeffrey A. Kline	
NVENTOR/ASSIGNOR	
· ·	ACKNOWLEDGEMENT
On this day of FEB RI individual, who executed the foregoing in same of their own free will for the purpose	<u>UQUU</u> , 2015, before me personally appeared the foregoing estrument and who acknowledged to me that they executed the etherein set forth.
Notary Public Donita Jones)
Printed Name DonitA Jones	The state of the s
County of Marion	
State of ZNDIANA	
My Commission Expires 3/31/2	018

IN WITNESS WHEREOF, ASSIGNOR ex	
(City, State or Country if outside US)	this day of, 2015.
(Only) of the outling in outside (13)	
Nathan J. Alves	Maryaman.
INVENTOR/ASSIGNOR	
The standard of the standard o	
À	ACKNOWLEDGEMENT
On this day of	, 2015, before me personally appeared the foregoing
individual, who executed the foregoing in	strument and who acknowledged to me that they executed the
same of their own free will for the purpose	therein set forth.
Notary Public	
rillied Name	
County of	
State Of	
My Commission Expires	

ASSIGNMENT

Whereas, We, Jeffrey A. Kline, Nathan J. Alves and Daren M. Beam, (ASSIGNORS), have an interest in an invention entitled: Tuneable Delivery of Nanoparticle Bound Active Plasmin for the Treatment of Thrombosis which is the subject of a United States patent application that names the undersigned as inventors in:

☑ US Provisional Patent Application No. 62/181,580; filed June 18, 2015.

Indiana University Research and Technology Corporation, an Indiana corporation having its principal office at 351 West 10th Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNORS' interest in the invention.

ASSIGNORS acknowledge receipt and adequacy of good and valuable consideration in exchange for this assignment and hereby assign to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in the patent applications and/or patents listed above, in the United States and all foreign countries, including the right to all divisions, reissues, continuations and extensions thereof, as well as to claim priority under the laws of the United States, the Paris Convention, the Patent Cooperation Treaty and any foreign countries, for the full term of the patent, the same as if held by ASSIGNORS had this assignment not been made. This assignment includes the assignment of the right to recover for past infringements of, or liabilities for, any of the rights related to the applications or patents resulting from the invention.

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1

IN WITNESS WHEREOF, ASSIGNOR executed this Assignment that a polition of the day of (City, State or Country if outside US)	nt at
(City State or Country if outside US) this b' day of	<u>, 2015.</u>
	~
Jeffrey A. Kline	
Jeffrey A. Klipe	
INVENTOR/ASSIGNOR	
ACKNOWLEDGEMEN	Т
On this Leth day of July , 2015, before	are me nerconally appeared the foregoing
individual, who executed the foregoing instrument and who ac	knowledged to me that they executed the
same of their own free will for the purpose therein set forth.	movioused to me that they executed the
α	
Notary Public Whita Jones	
Notary Public Douta Jones Printed Name DONI + A JONES	
County of MARION State of Lholiana	
State of <u>Lholiana</u>	
My Commission Expires 2-21-2018	
IN WITNESS WHEREOF, ASSIGNOR executed this Assignment this day of	
(City, State or Country if outside US)	
Nathan J. Alves	
INVENTOR/ASSIGNOR	
ACKNOWLEDGEMENT	Т
On this, 2015, befo	are me nerconally appeared the foregoing
individual, who executed the foregoing instrument and who ack	snowledged to me that they executed the
same of their own free will for the purpose therein set forth.	morninged to the that they executed the
Notary Public	
Printed Name	
Printed Name County of	
Printed Name	

IN WITNESS	WHEREOF, ASSIGNOR		_	
		this	day of	, 2015.
(City, Stat	e or Country if outside US	3)		
Daren M. Bea	am			
INVENTOR/A	SSIGNOR			
		ACKNOWL	EDGEMENT	
individual, wh	day of o executed the foregoing own free will for the purpo	g instrument a	and who acknowl	e personally appeared the foregoing edged to me that they executed the
Notary Public				
Printed Name	-			
County of				
State of				
My Commissi	on Expires			

COMBINED DECLARATION AND ASSIGNMENT

DECLARATION

Whereas, I, Daren M. Beam (INVENTOR), hereby declare that this Declaration is directed toward the attached US or Int'l Patent Application No. PCT/US2015/043592; filed August 4, 2015.

The above-identified patent application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of the subject matter that is claimed in the patent application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

Whereas, I, Daren M. Beam (ASSIGNOR), have an interest in an invention entitled: Tuneable Delivery of Nanoparticle Bound Active Plasmin for the Treatment of Thrombosis, which is the subject of a US or Int'l Patent Application that names the undersigned as an inventor in:

Int'l Patent Application No. PCT/US2015/043592; filed August 4, 2015.

Indiana University Research and Technology Corporation, an Indiana corporation having its principal office at 351 West 10th Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNOR'S interest in the invention.

ASSIGNOR acknowledges receipt and adequacy of good and valuable consideration in exchange for this Assignment and hereby assigns to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in the patent application listed above, in the United States and all foreign countries, including the right to all continuations, divisions, inter partes reviews, post-grant reviews, reexaminations, reissues, supplemental examinations, substitutes and extensions thereof, as well as to claim priority under the laws of the United States, the Paris Convention, the Patent Cooperation Treaty and any foreign countries, for the full term of the patent, the same as if held by ASSIGNOR had this assignment not been made. This assignment includes the assignment of the right to recover for past infringements of, or liabilities for, any of the rights related to the patent application resulting from the invention.

ASSIGNOR covenants and agrees to cooperate with ASSIGNEE and execute all instruments or documents requested for the making and prosecuting of any applications of any type for patent in the United States and in all foreign countries including, but not limited to the following: provisional, continuation, continuation-in-part, divisional, inter-partes review, post-grant review, renewal, reissue, re-examination, substitutes or extension. ASSIGNOR convents and agrees to cooperate with ASSIGNEE in any interference, post-grant opposition or litigation regarding the invention, patents or patent applications regarding the invention, including testifying for the benefit of ASSIGNEE without further or other compensation than that provided in this Assignment.

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IN WITNESS WHEREOF, ASSIGNOR executed th	is Assignment at
Indianapolis Indiana/ this	
(City, State or Country,if outside US)	N N
Baren M. Beam	
INVENTOR/ASSIGNOR	
ACKNOW	LEDGEMENT
on this 9 day of White	2015, before me personally appeared the foregoing
	and who acknowledged to me that they executed the
same of their own free will for the purpose therein :	
12	
Notary Public <u>(uc) and</u>	KRISTEN FOLAND Notary Public, State of Indiana
Printed Name VYQUS SIAID	\$20 (e = Morion County \$
County of Markon	ARAL Commission # 672833 My Commission Expires
Section Control of the Control of th	August 23, 2023
My Commission Expires 9-33-0023	

COMBINED DECLARATION AND ASSIGNMENT

DECLARATION

Whereas, I, Nathan J. Alves (INVENTOR), hereby declare that this Declaration is directed toward the attached US or Int'l Patent Application No. PCT/US2015/043592; filed August 4, 2015.

The above-identified patent application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of the subject matter that is claimed in the patent application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

Whereas, I, Nathan J. Alves (ASSIGNOR), have an interest in an invention entitled: Tuneable Delivery of Nanoparticle Bound Active Plasmin for the Treatment of Thrombosis, which is the subject of a US or Int'l Patent Application that names the undersigned as an inventor in:

Mint'l Patent Application No. PCT/US2015/043592; filed August 4, 2015.

Indiana University Research and Technology Corporation, an Indiana corporation having its principal office at 351 West 10th Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNOR'S interest in the invention.

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4

IURTC Docket No. 2014-053-04 Application No. PCT/US2015/043592

ASSIGNOR requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to ASSIGNEE, and requests that any official of a patent office in any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications, issue said Letters Patent, Utility Model Registration or Inventor's Certificate to ASSIGNEE.

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IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at <u>TOSACTOT OF COLUMN this State of ALIGNES</u> , 2015. (City, State or Country if outside US)
Nathan J. Alves INVENTOR/ASSIGNOR
ACKNOWLEDGEMENT
On this
Notary Public DONNEYS SERVINGS



RECORDED: 02/18/2020

County of NIA

My Commission Expires MONTH, 301