505301834 01/29/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5348612

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANDALL MOREADITH	02/27/2013
MICHAEL DAVID BENTLEY	02/27/2013
KUNSANG YOON	02/27/2013
ZHIHAO FANG	02/27/2013
REBECCA WEIMER	02/27/2013
BEKIR DIZMAN	02/27/2013
TACEY VIEGAS	02/27/2013

RECEIVING PARTY DATA

Name:	SERINA THERAPEUTICS, INC
Street Address:	601 GENOME WAY, SUITE 2400
City:	HUNTSVILLE
State/Country:	ALABAMA
Postal Code:	35806

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15197336

CORRESPONDENCE DATA

Fax Number: (205)254-1999

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: 2054883602

Email: jthomas@maynardcooper.com

Correspondent Name: JENNIFER THOMAS

Address Line 1: 1901 SIXTH AVENUE NORTH, SUITE 2400

Address Line 4: BIRMINGHAM, ALABAMA 35203

NAME OF SUBMITTER:	JENNIFER THOMAS
SIGNATURE:	/Jennifer Thomas/
DATE SIGNED:	01/29/2019

Total Attachments: 8

PATENT REEL: 048168 FRAME: 0217

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PATENT REEL: 048168 FRAME: 0218

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

The receipt of which is hereby expressly acknowledged, the undersigned do hereby agree to assign and do hereby sell, assign and transfer unto **Serina Therapeutics**, **Inc.** ("Assignee"), a entity formed under the laws of the State of Alabama, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain patent applications and inventions relating to

Subcutaneous Delivery of Polymer Conjugates of Therapeutic Agents

As described in U.S. Patent Application serial number 13/774,304 filed February 22, 2013, which is a continuation of U.S. Patent Application serial number 13/524,994 and filed June 15, 2012, which claims the benefit of U.S. Provisional Patent Application serial number 61/554,336 and filed November 1, 2011(such inventions and description being the "Inventions") and the invention(s) and improvement(s) set forth therein, any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said applications and all applications claiming priority to or the benefit of said applications and all the rights and privileges under any and all Patent that may be granted therefore in any country, and any reissues, or reexaminations, or extensions of patent granted from any of the above and their equivalents in foreign jurisdictions. I/We request that any and all Patents issuing from said applications be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I/We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I/We authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

I/We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I/We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

1/2453028.1

PATENT REEL: 048168 FRAME: 0219 I/We hereby authorize the attorneys associated with Customer Number 23378 to insert the Patent Application No. above when such number is assigned and any Application No. of any application claiming priority or benefit to said Patent Application No. and to include said application in this document.

IN WITNESS WHEREOF, I/We have here	eunto signed on the day and year set forth below.
Randall Moreadit	
Inventor (signature)	DATE
Randall Moreadith (Inventor's Typed Name)	
inventor, Randall Moreadith, who is person evidence to be the same individual who executed the same	013 before me personally appeared the above named ally known or proved to me on the basis of satisfactory cuted the foregoing assignment, and who acknowledges d above of his own free will for the use and purposes
	Motary Public
	My Commission Expires: Nov 2, 2013
[Notary Şeal]	eg -

IN WITNESS WHEREOF, I/We have hereunto signed on the day and year set forth below.

Michael David Bentley (Inventor's Typed Name)

On this 27 day of February, 2013 before me personally appeared the above named inventor, Michael David Bentley, who is personally known or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledges to me that he executed the document signed above of his own free will for the use and purposes therein set forth.

My Commission Expires: November 2, 2013

Inventor (signature)

DATE

Kunsang Yoon
(Inventor's Typed Name)

On this 27 day of February, 2013 before me personally appeared the above

IN WITNESS WHEREOF, I/We have hereunto signed on the day and year set forth below.

On this 27 day of rebruary, 2013 before me personally appeared the above named inventor, Kunsang Yoon, who is personally known or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledges to me that he executed the document signed above of his own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: Novanher 2, 2013

Notary Seal

Inventor (signature)

Z-27-13

DATE

IN WITNESS WHEREOF, I/We have hereunto signed on the day and year set forth below.

Zhihao Fang

(Inventor's Typed Name)

On this 27 day of Tebruary, 2013 before me personally appeared the above named inventor, Zhihao Fang, who is personally known or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledges to me that he executed the document signed above of his own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: Novaulser 2, 2013

Inventor (signature)

DATE

Rebecca Weimer
(Inventor's Typed Name)

On this 27 day of February ___, 2013 before me personally appeared the above named inventor, Rebecca Weimer, who is personally known or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledges to me that he executed the document signed above of his own free will for the use and purposes therein set forth.

Examular Grant Notary Seal

Notary Seal**

My Commission Expires: Not 2 2 0/3

IN WITNESS WHEREOF, I/We have hereunto signed on the day and year set forth below.

IN WITNESS WHEREOF, I'We have hereunto signed on the day and year set forth below.

Parama	02/27/2013
Inventor (signature)	DATE
Bekir Dizman (Inventor's Typed Name)	
(Inventor's Typed Name)	

On this 27 day of +cbruary, 2013 before me personally appeared the above named inventor, Bekir Dizman, who is personally known or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledges to me that he executed the document signed above of his own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: Nov 2, 2013

Philatomy Cast

IN WITNESS WHEREOF, I/We have hereunto signed on the day and year set forth below.

Jacqui egas	February 27, 2013
Inventor (signature)	DATE
Tacey Viegas (Inventor's Typed Name)	

On this 27 day of February, 2013 before me personally appeared the above named inventor, Tacey Viegas, who is personally known or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledges to me that he executed the document signed above of his own free will for the use and purposes therein set forth.

My Commission Expires: Nov2, 2013

1/2453028.1

PATENT REEL: 048168 FRAME: 0226

RECORDED: 01/29/2019