

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4507753

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
P. SPENCER KINSEY	06/14/2017
BRENDAN LAURENZI	06/20/2017
BENOIT ADAMO	06/16/2017
CHAD C. SMUTNEY	06/14/2017
RECEIVING PARTY DATA	
Name:	MANKIND CORPORATION
Street Address:	25134 RYE CANYON LOOP, SUITE 300
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92614
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29604731
CORRESPONDENCE DATA	
Fax Number:	(949)253-0902
<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:	949-253-0900
Email:	stephanie.new@klgates.com
Correspondent Name:	K&L GATES LLP
Address Line 1:	1 PARK PLAZA, 12TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	1951300.00320
NAME OF SUBMITTER:	STEPHANIE NEW
SIGNATURE:	/Stephanie New/
DATE SIGNED:	07/18/2017
Total Attachments: 5	
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ASSIGNMENT

THIS ASSIGNMENT is made by **P. Spencer Kinsey, Brendan Laurenzi, Benoit Adamo, and Chad C. Smutney**, (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNORS") to **MannKind Corporation**, a corporation duly organized and existing under and by the laws of the State of Delaware and having its principal place of business at **25134 Rye Canyon Loop, Suite 300, Valencia, CA 91355**, (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNEE").

WHEREAS, ASSIGNORS have invented and own rights in, to and under a new and useful invention for which an application(s) for Letters Patent has been filed as indicated below (hereafter "Invention");

U.S. Patent Application filed **May 19, 2017** bearing Serial No. **US 29/604,731**

WHEREAS, ASSIGNORS believe themselves to be the original and true inventors of the Invention;

WHEREAS, ASSIGNEE desires to acquire the Invention and improvements thereto;

AND WHEREAS, ASSIGNORS and ASSIGNEE desire to have a recordable instrument assigning ASSIGNEE as owners of the entire right, title and interest in, to, and under the Invention and improvements thereto owned by ASSIGNORS;

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, convey, endorse, and hereby set over unto ASSIGNEE the full and exclusive right, title and interest in, to and under the Invention to be held and enjoyed by ASSIGNEE, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment and sale not been made including the full and exclusive right, title and interest in, to and under 1) any patent application, or any other legal instrument equivalent thereof, including, without limitation, continuation, division, continuation-in-part, substitute, reexamination, renewal, inventor's certificate, and utility model, which has been or may be submitted therefor and thereon anywhere in the World, such term defined herein as including the United States of America, its territorial possessions, and any and all foreign countries under national laws or under the provisions of the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or any other international treaty equivalent thereof; 2) any Letters Patent, or any other legal instrument equivalent thereof, which has been or may be granted therefor and thereon, in the World, for the full term or terms for which the same may be granted; 3) any reissue, extension, or any other legal instrument equivalent thereof, on any patent application or Letters Patent which has been or may be granted therefor and thereon in the World; and 4) any right to claim priority to a filing date, or any other legal equivalent thereof, which has been or may be claimed by any patent application or Letters Patent therefor and thereon in the World.

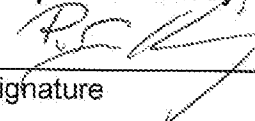
ASSIGNORS hereby covenant and agree to perform any lawful action when deemed essential by and to ASSIGNEE's full enjoyment, protection, enforcement and title in, to and under the Invention and rights hereby transferred, including, but not limited to, promptly communicating and providing any and all known and accessible facts, data or any other pertinent information; promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits or any other legal instrument; promptly assisting and participating in any and all depositions, hearings, proceedings, trials, appeals, or any other legal procedure; promptly testifying under oath in any and all interference, post grant review, litigation or any other

administrative or judicial proceeding; and promptly completing any and all actions necessary or desirable to carry out any and all purposes thereof, relating to any and all proceedings in connection with the submission, procurement, issuance, maintenance, enforcement or defense of the invention and rights hereby transferred.

IN TESTIMONY WHEREOF, I hereunder set my hand this 14th day of June, 2017.

ASSIGNOR

P. Spencer Kinsey



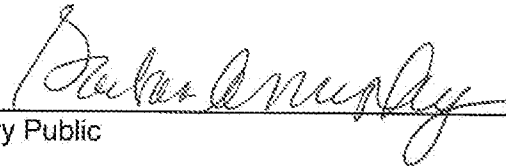
Signature

State of New York)
County of Putnam) ss.:

On this 14 day of June, 2017, before me, Barbara Murphy, personally appeared **P. Spencer Kinsey**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of New York that the foregoing paragraph is true and correct.

Witness my hand and official seal.



Notary Public

BARBARA A. MURPHY
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MU5026569
Qualified in Putnam County
My Commission Expires April 26, 2018

IN TESTIMONY WHEREOF, I hereunder set my hand this 20th day of June, 2017.

ASSIGNOR

Brendan Laurenzi

Brendan Laurenzi
Signature

State of Massachusetts)
County of Worcester) ss.:

On this 20th day of June, 2017, before me, Mary Griffin, personally appeared **Brendan Laurenzi**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of MASS that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Mary Griffin
Notary Public



IN TESTIMONY WHEREOF, I hereunder set my hand this 16 day of June, 2017.

ASSIGNOR

Benoit Adamo

Benoit Adamo
Signature

State of New York)
County of Putnam) ss.:

On this 16 day of June, 2017, before me, Barbara Murphy, personally appeared **Benoit Adamo**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of N.Y. that the foregoing paragraph is true and correct.

Witness my hand and official seal.

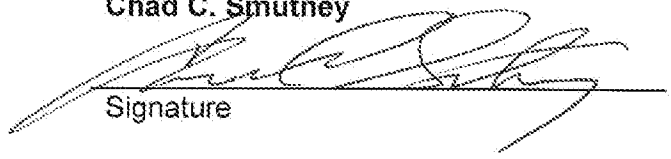
Barbara Murphy
Notary Public

BARBARA A. MURPHY
NOTARY PUBLIC-STATE OF NEW YORK
No. DIMUS026589
Qualified in Putnam County
My Commission Expires April 25, 2018

IN TESTIMONY WHEREOF, I hereunder set my hand this 14 day of JUNE, 2017.

ASSIGNOR

Chad C. Smutney

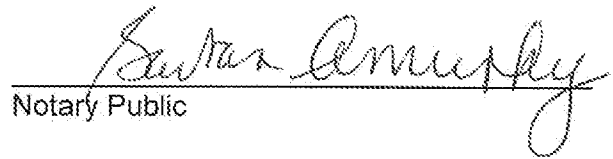

Signature

State of New York)
County of Putnam) ss.:

On this 14 day of June, 2017, before me, Barbara Murphy, personally appeared **Chad C. Smutney**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of New York that the foregoing paragraph is true and correct.

Witness my hand and official seal.


Notary Public

BARBARA A. MURPHY
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MU5026589
Qualified in Putnam County
My Commission Expires April 28, 2018