

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2722863

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KELLY S. KRAFT	01/31/2014
KARLA SOMERVILLE	02/04/2014
RECEIVING PARTY DATA	
Name:	MANNKIND CORPORATION
Street Address:	28903 NORTH AVENUE PAINE
City:	VALENCIA
State/Country:	CALIFORNIA
Postal Code:	91355
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13921104
Application Number:	13954731
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	1951300.00106CON1/2
NAME OF SUBMITTER:	STEPHANIE NEW
Signature:	/Stephanie New/
Date:	02/11/2014
Total Attachments: 3 source=ExecutedAssignmentCON1CON2#page1.tif source=ExecutedAssignmentCON1CON2#page2.tif source=ExecutedAssignmentCON1CON2#page3.tif	

PATENT

## ASSIGNMENT

**THIS ASSIGNMENT** is made by **Kelly S. Kraft and Karla Somerville**, (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 28903 North Avenue Paine, 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 June 18, 2013      bearing Serial No. US 13/921,104

U.S. Patent Application      filed July 30, 2013      bearing Serial No. US 13/954,731

**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 31 day of January, 2014.

ASSIGNOR

Kelly S. Kraft  
Printed Name

Kelly S. Kraft  
Signature

State of Connecticut )  
County of Fairfield ) SS.:

On this 31 day of January, 2014, before me, Maria T. Hall, personally appeared Kelly S. Kraft, 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 California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Maria T. Hall

MARIA T. HALL  
NOTARY PUBLIC  
MY COMMISSION EXPIRES DEC. 31, 2014

IN TESTIMONY WHEREOF, I hereunder set my hand this 4 day of Feb, 2014.

**ASSIGNOR**

Karla Somerville  
Printed Name

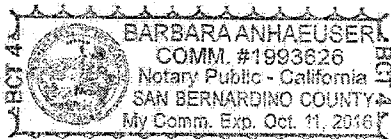
[Signature]  
Signature

State of California )  
County of San Bernardino ) ss.:

On this 4 day of Feb, 2014, before me, Barbara Anhaeuser Notary Public personally appeared Karla Somerville, 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 California that the foregoing paragraph is true and correct.

Witness my hand and official seal.



[Signature]