

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brendan Laurenzi</td> <td>06/22/2010</td> </tr> <tr> <td>P. Spencer Kinsey</td> <td>06/25/2010</td> </tr> <tr> <td>Benoit Adamo</td> <td>06/22/2010</td> </tr> <tr> <td>John M. Polidoro</td> <td>06/28/2010</td> </tr> <tr> <td>Chad C. Smutney</td> <td>06/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	Brendan Laurenzi	06/22/2010	P. Spencer Kinsey	06/25/2010	Benoit Adamo	06/22/2010	John M. Polidoro	06/28/2010	Chad C. Smutney	06/23/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MannKind Corporation</td> </tr> <tr> <td>Street Address:</td> <td>28903 North Avenue Paine</td> </tr> <tr> <td>City:</td> <td>Valencia</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91355</td> </tr> </table>		Name:	MannKind Corporation	Street Address:	28903 North Avenue Paine	City:	Valencia	State/Country:	CALIFORNIA	Postal Code:	91355		
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CORRESPONDENCE DATA													
<p>Fax Number: (949)253-0902</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 9492530900</p> <p>Email: dawn.avila@klgates.com</p> <p>Correspondent Name: K&L Gates LLP</p> <p>Address Line 1: 1900 Main Street, Suite 600</p> <p>Address Line 4: Irvine, CALIFORNIA 92614-7319</p>													
ATTORNEY DOCKET NUMBER:	1951300.00122												
NAME OF SUBMITTER:	Brian J. Novak												

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PATENT
REEL: 024615 FRAME: 0473

Total Attachments: 6

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ASSIGNMENT

WHEREAS, WE, Brendan Laurenzi, P. Spencer Kinsey, Benoit Adamo, John M. Polidoro, and Chad C. Smutney have invented certain new and useful inventions entitled "**DRY POWDER INHALER**" disclosed in the following patent applications:

U.S. 29/363,775

Filed June 14, 2010

AND WHEREAS MannKind Corporation, having a place of business at 28903 North Avenue Paine, Valencia, California 91355 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said inventions and improvements thereto and application.

NOW, THEREFORE, for good and valuable consideration already received, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said inventions, and said application and all divisions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, all national and regional applications deriving therefrom, and all subsequent patents and divisional patents, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, continuations-in-part, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said inventions in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said inventions to ASSIGNEE in accordance with the terms of this Assignment;

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 HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I hereunder set my hand this 22 day of June ^{BE 6/22/10} 2010,
2010.


Brendan Laurenzi
Assignor

STATE OF CONNECTICUT)

COUNTY OF Fairfield) ss.

On this 22 day of June 2010, before me,
Maria T. Hall, notary public, personally appeared **Brendan Laurenzi**
proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the foregoing 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 entity upon behalf of which the person acted, executed the instrument.

(SEAL)


Notary Public

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

IN TESTIMONY WHEREOF, I hereunder set my hand this 25th day of June, 2010.

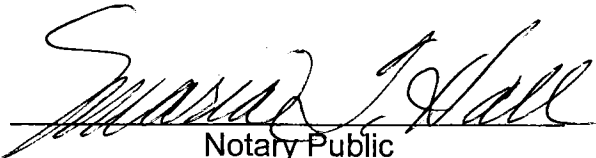


P. Spencer Kinsey
Assignor

STATE OF CONNECTICUT)
COUNTY OF Fairfield) ss.

On this 25 day of June 2010, before me, Maria T. Hall (notary public, personally appeared **P. Spencer Kinsey** proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing 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 entity upon behalf of which the person acted, executed the instrument.

(SEAL)



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

June BA 06/22/2010

IN TESTIMONY WHEREOF, I hereunder set my hand this 22 day of June, 2010.


Benoit Adamo
Assignor

STATE OF NEW YORK)
COUNTY OF Fairfield) ss.

On this 22 day of June 2010, before me, Maria T. Hall, notary public, personally appeared **Benoit Adamo** proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing 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 entity upon behalf of which the person acted, executed the instrument.

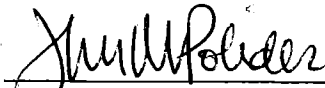
(SEAL)


Notary Public

MARIA T. HALL
NOTARY PUBLIC

MY COMMISSION EXPIRES DEC. 31, 2014

IN TESTIMONY WHEREOF, I hereunder set my hand this 28th day of June, 2010.

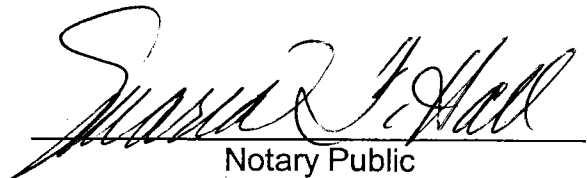


John M. Polidoro
Assignor

STATE OF CONNECTICUT)
COUNTY OF Fairfield) ss.

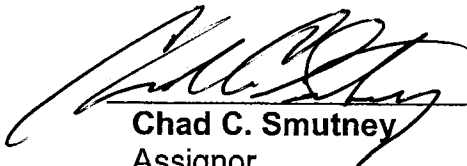
On this 28 day of June 2010, before me, Maria T. Hall, notary public, personally appeared **John M. Polidoro** proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or entity upon behalf of which the person acted, executed the instrument.

(SEAL)



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


IN TESTIMONY WHEREOF, I hereunder set my hand this 23 day of JUNE, 2010.


Chad C. Smutney
Assignor

STATE OF CONNECTICUT)
COUNTY OF Fairfield) ss.

On this 23 day of JUNE 2010, before me, Maria T. Hall, notary public, personally appeared **Chad C. Smutney** proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing 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 entity upon behalf of which the person acted, executed the instrument.

(SEAL)


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