

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>P. Spencer Kinsey</td><td>08/11/2008</td></tr><tr><td>Benoit Adamo</td><td>08/11/2008</td></tr><tr><td>Chad C. Smutney</td><td>08/11/2008</td></tr><tr><td>John M. Polidoro</td><td>08/11/2008</td></tr></tbody></table>	Name	Execution Date	P. Spencer Kinsey	08/11/2008	Benoit Adamo	08/11/2008	Chad C. Smutney	08/11/2008	John M. Polidoro	08/11/2008	
Name	Execution Date										
P. Spencer Kinsey	08/11/2008										
Benoit Adamo	08/11/2008										
Chad C. Smutney	08/11/2008										
John M. Polidoro	08/11/2008										
RECEIVING PARTY DATA											
Name:	MannKind Corporation										
Street Address:	28903 North Avenue Paine										
City:	Valencia										
State/Country:	CALIFORNIA										
Postal Code:	91355										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>29319777</td></tr></tbody></table>	Property Type	Number	Application Number:	29319777							
Property Type	Number										
Application Number:	29319777										
CORRESPONDENCE DATA											
Fax Number:	(949)253-0902										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	949-253-0900										
Email:	maria.nadal@klgates.com										
Correspondent Name:	Louis C. Cullman										
Address Line 1:	1900 Main Street, Suite 600										
Address Line 4:	Irvine, CALIFORNIA 92614-7319										
ATTORNEY DOCKET NUMBER:	1951300.00082										
NAME OF SUBMITTER:	Louis C. Cullman										
Total Attachments: 3 source=EXECUTED ASSIGNMENT#page1.tif											

CH \$40.00 29319777

500631374

PATENT
REEL: 021445 FRAME: 0154

ASSIGNMENT

WHEREAS, We, P. Spencer Kinsey residing at 6 Quail Hollow Lane, Sandy Hook, CT 06482, Benoit Adamo residing at 255 West Street, Apt. 1-C, Mount Kisco, NY 10549, Chad C. Smutney, residing at 1501 Bunker Hill Road, Watertown, CT 06795 and John M. Polidoro residing at 232 Woodmont Dr., Coventry, CT 06238, the ASSIGNOR(S) herein, have invented certain new and useful inventions disclosed in a U.S. Design Application No. 29/319,777, filed June 13, 2008 entitled "Dry Powder Inhaler";

WHEREAS, MannKind Corporation a corporation organized and existing under the laws of the State of Delaware having a place of business at 28903 North Avenue Paine, Valencia, CA 91355 (hereinafter, together with any successors, legal representatives or assigns thereof, called ASSIGNEE), the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, in consideration of good and valuable consideration, 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 improvements 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 I 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 me 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 improvements in all countries.

IN TESTIMONY WHEREOF, I hereunder set my hand this 11 day of Aug, 2008

P. Spencer Kinsey
P. Spencer Kinsey

STATE OF Connecticut
COUNTY OF Fairfield

)
) ss Danbury, CT
)

On August 11, 2008 before me, Leslie Andrews, Notary Public, personally appeared P. Spencer Kinsey, personally known to me (or 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.

WITNESS my hand and official seal

Leslie Andrews
SIGNATURE OF NOTARY PUBLIC

LESLIE ANDREWS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 2010

IN TESTIMONY WHEREOF, I hereunder set my hand this 11 day of August, 2008

Benoit Adamo
Benoit Adamo

STATE OF Connecticut
COUNTY OF Fairfield

)
) ss Danbury, CT
)

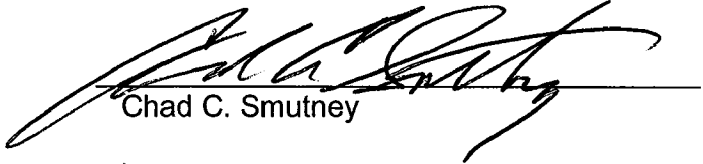
On August 11, 2008 before me, Leslie Andrews, Notary Public, personally appeared Benoit Adamo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Leslie Andrews
SIGNATURE OF NOTARY PUBLIC

LESLIE ANDREWS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 2010

IN TESTIMONY WHEREOF, I hereunder set my hand this 11 day of AUG, 2008


Chad C. Smutney

STATE OF Connecticut
COUNTY OF Fairfield

)
) ss Danbury, CT
)

On August 11, 2008 before me, Leslie Andrews, Notary Public, personally appeared Chad C. Smutney, personally known to me (or 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.

WITNESS my hand and official seal


SIGNATURE OF NOTARY PUBLIC

LESLIE ANDREWS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 2010

IN TESTIMONY WHEREOF, I hereunder set my hand this 11 day of Aug., 2008


John M. Polidoro

STATE OF Connecticut
COUNTY OF Fairfield

)
) ss Danbury, CT
)

On August 11, 2008 before me, Leslie Andrews, Notary Public, personally appeared John M. Polidoro, personally known to me (or 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.

WITNESS my hand and official seal


SIGNATURE OF NOTARY PUBLIC

LESLIE ANDREWS
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 2010