OMB No. 0651-0027 (exp. 6/30/2008)	United States Patent and Trademark Office
RECORDATION FOR	M COVER SHEET
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(les):	2. Name and address of receiving party(les)
Trent A. Poole (2/13/2007), David F. Bonneau	Name: MannKind Corporation
(2/13/2007), and Per B. Fog (2/13/2007)	Internal Address:
Additional name(s) of conveying party(les) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	Police
Execution Date(s): In parentheses after inventor name	28903 North Avenue Palne
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City:Valencle
Government Interest Assignment	State: California
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 91355
Other	Additional name(s) & address(es) Yes X No attached:
4. Application or patent number(s): A. Patent Application No.(s) 11/602,170	This document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: William R. McClellan WOLF, GREENFIELD & SACKS, P.C. Internal Address: Street Address: Federal Reserve Plaza 600 Atlantic Avenue	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government Interest not effecting title)
City: Boston	8. Payment Information
State: MA Zlp: 02210-2206	a. Credit Card Last 4 Numbers
Phone Number: (617) 646-6000	Expiration Date 23/2825
Fax Number: (617) 646-8646	b. Deposit Account Number 23/2825 Authorized User Name William R. McClellan
Emell Address: wmcclellan@wolfgreenfield.com	
9. Signature:	February 14, 2007
Signeture William R. McClellan - 29,409 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:
riginia ar i araku arijining	
Cartificate of Transmission Under 37 CFR 1.8 I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below. Dated: Fabruary 14, 2007 Signature: Date Champagne (Doris A. Champagne)	

M1117.70002U800 1148061.1

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<u>ASSIGNMENT</u>

For good and valuable consideration, the receipt of which is hereby acknowledged, and in fulfillment of my employment agreement, I the undersigned hereby:

- 1. Sell, assign and transfer to MannKind Corporation, a Delaware corporation having a place of business at 28903 North Avenue Paine, Valencia, CA 91355, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on November 20, 2006 under Serial No. 11/602,170, bearing Attorney Docket No. M1117.70002US00, and entitled POWDER TRANSPORT SYSTEMS AND METHODS, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said Inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
- 2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
- 3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

1129885

Docket No. M1117.70002US00 Page 2 of 3 Inventor: Address: 59 Country Corners Road Amherst, MA 01002 Citizenshlp: US STATE/COMMONWEALTH OF __ Conned cut COUNTY OF Danty On this 13 day of 12b., 2007, before me, the undersigned notary public, personally appeared 17ch 4. Poole proved to me through satisfactory evidence of Identification, which were to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. My commission expires 3/91/2007 Inventor: Address: 32 Almanac Way West Boylston, MA 01583 Citizenship: US STATE/COMMONWEALTH OF __Connecticut : COUNTY OF <u>δαπδυ</u>γ ; On this <u>13</u> day of <u>reb.</u>, 20<u>07</u>, before me, the undersigned notary public, personally appeared David F. Bo nacau , proved to me through satisfactory evidence of identification, which were brives Clanse to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. SEAL SMUSICA MANCIAL
NOTATIVE PUBLIC ESMETA DA MARGIA My commission expires 3/3//2007

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Fab 13, 2007

Inventor:

Per B. Fog

Address:

199 Green Lane

Bedford Hills, NY 10507

Citizenship: US

STATE/COMMONWEALTH OF _____ :

COUNTY OF _________

Sworn to and subscribed before me on this <u>B</u> day of <u>F&</u>, 20<u>67</u> under the pains and penalties of perjury under the laws of the United States of America.

SEAL _ 🚭

lotary Public Esmeralda Haraia

My commission expires 3/31/2007