

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2916214

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TRENT POOLE	04/11/2003
SOLOMON S. STEINER	06/20/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MANKIND CORPORATION
<b>Street Address:</b>	28903 NORTH AVENUE PAINE
<b>City:</b>	VALENCIA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91355
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14303173
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	949-253-0900
<b>Email:</b>	stephanie.new@klgates.com
<b>Correspondent Name:</b>	K&L GATES LLP
<b>Address Line 1:</b>	1 PARK PLAZA, TWELFTH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	1951300.00062CON4
<b>NAME OF SUBMITTER:</b>	STEPHANIE NEW
<b>SIGNATURE:</b>	/Stephanie New/
<b>DATE SIGNED:</b>	06/26/2014
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

We, Trent Poole of 59 Country Corners Road, South Amherst, Massachusetts 01002, and Solomon S. Steiner of 24 Old Wagon Road, Mount Kisco, New York 10549, in consideration of ten dollars and other valuable consideration paid to us by Mannkind Corporation, a corporation of the State of Delaware, having its principal place of business at 1 Casper Street, Danbury, Connecticut 06810 (hereinafter "said Corporation"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Corporation, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Inhalation Apparatus*" described in U.S. Serial No. 10/384,909 filed in the United States Patent and Trademark Office on March 7, 2003, by Trent Poole and Solomon S. Steiner, and in the provisional application to which priority is claimed, being U.S. Provisional Application Serial No. 60/366,302 filed in the United States Patent and Trademark Office on March 20, 2002, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation, and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.

Title: "Inhalation Apparatus"  
By: Trent Poole and Solomon S. Steiner  
Filed: March 7, 2003  
ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Corporation, its successors and assigns.

WITNESS my hand and seal this 11<sup>th</sup> day of April, 2003.

Trent A. Poole  
Trent Poole

State of Massachusetts )  
County of Hampshire )

Then personally appeared the above named Trent Poole and acknowledged the foregoing instrument to be his free act and deed, before me this 11<sup>th</sup> day of April, 2003.

Melinda Stone  
Notary Public

My Commission expires: 11/21/08

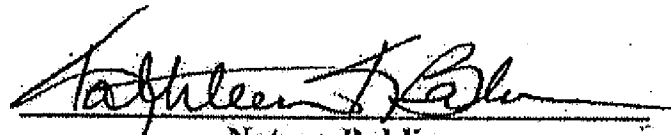
Title: "Inhalation Apparatus"  
By: Trent Poole and Solomon S. Steiner  
Filed: March 7, 2003  
ASSIGNMENT

WITNESS my hand and seal this 20<sup>th</sup> day of June, 2003.

  
Solomon S. Steiner

State of New York )  
County of Westchester )

Then personally appeared the above named Solomon S. Steiner and acknowledged  
the foregoing instrument to be his free act and deed, before me this 20<sup>th</sup> day of  
June, 2003.

  
Notary Public

My Commission expires: 12-15-2005

Kathleen K. Balun  
Notary Public of State of New York  
#01EA6000297  
Qualified in Putnam County  
Commission Expires 12-15-2005

ATL1 #568520 v1