

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3827700

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN J. STEVENSON	10/27/2005
DESTARDI MOYE-SHERMAN	10/27/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MANKIND CORPORATION
<b>Street Address:</b>	25134 RYE CANYON LOOP, SUITE 300
<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>
<b>Application Number:</b>	15097124
<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>	
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<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	1951300.00112DIVCON2
<b>NAME OF SUBMITTER:</b>	STEPHANIE NEW
<b>SIGNATURE:</b>	/Stephanie New/
<b>DATE SIGNED:</b>	04/13/2016
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

**WHEREAS**, WE, John J. Stevenson, residing at 4341 Gunther Avenue, Bronx, New York 10466, and Destardi Moye-Sherman, residing at 51 Saratoga Road, Newburgh, New York 12550 have invented certain new and useful inventions disclosed in an application for United States Letters Patent entitled "**CATALYSIS OF DIKETOPIPERAZINE SYNTHESIS**" also known as U.S. Patent Application No. 11/208,087, filed on August 19, 2005, and U.S. Provisional Patent Application No. 60/603,340, filed on August 20, 2004 and executed by us on even date herewith;

**AND WHEREAS MannKind Corporation**, a corporation organized and existing under the laws of **Delaware**, having a place of business at 28903 North Avenue, Paine, Valencia, CA 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 improvements and application.

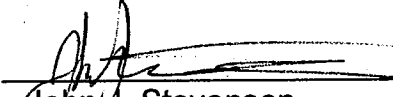
**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the 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 I 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 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 improvements in all countries.

IN TESTIMONY WHEREOF, I hereunder set my hand this 27 day of October, 20 05

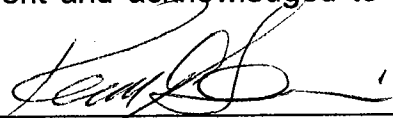
DATED at Danbury, CT, this 27 day of October, 20 05

  
John J. Stevenson  
Assignor

STATE OF ~~NEW YORK~~ <sup>CONNECTICUT</sup> )  
COUNTY OF FAIRFIELD ) ss. Danbury, CT

On this 27 day of OCTOBER 2005, before me personally appeared John J. Stevenson to me known or proved on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same.

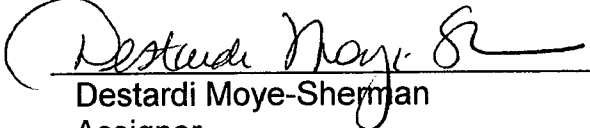
(SEAL)

  
Notary Public

My Commission Exp. July 31, 2009

IN TESTIMONY WHEREOF, I hereunder set my hand this 27 day of Oct, 2005

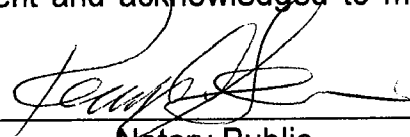
DATED at Danbury, CT, this 27 day of Oct, 2005

  
Destardi Moya-Sherman  
Assignor

STATE OF ~~NEW YORK~~ CONNECTICUT )  
COUNTY OF FAIRFIELD ) ss. Danbury, CT

On this 27<sup>th</sup> day of OCTOBER 2005, before me personally appeared DESTARDI MOYA-SHERMAN to me known or proved on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same.

(SEAL)

  
Notary Public

My Commission Exp. July 31, 2009