

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHIYONG QIU	08/02/2006
ADRIAN ION BOT	08/02/2006
RECEIVING PARTY DATA	
Name:	MANNKIND CORPORATION
Street Address:	28903 NORTH AVENUE PAINE
City:	VALENCIA
State/Country:	CALIFORNIA
Postal Code:	91355
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13179042
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	0088480-053US1
NAME OF SUBMITTER:	SHEILA R. GIBSON
Signature:	/Sheila R. GIBSON, Reg. #54,120/
Date:	01/27/2014
Total Attachments: 3 source=2006-08-02 Assignment 0088480-053US1#page1.tif source=2006-08-02 Assignment 0088480-053US1#page2.tif source=2006-08-02 Assignment 0088480-053US1#page3.tif	

ASSIGNMENT

WHEREAS, We, Zhiyong Qiu, a citizen of Canada, residing at 3175 Sepulveda Blvd. #208, Los Angeles, California, 90034 and Adrian Ion Bot, a citizen of Romania, residing at 24406 West Gable Ranch Lane, Valencia, California, 91354, have invented certain new and useful improvements in METHODS AND COMPOSITIONS TO ELICIT MULTIVALENT IMMUNE RESPONSES AGAINST DOMINANT AND SUBDOMINANT EPITOPES, EXPRESSED ON CANCER CELLS AND TUMOR STROMA for which we have filed an application for Letters Patent in the United States, Application No. 11/454,616, filed on June 16, 2006;

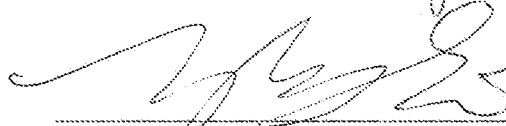
AND WHEREAS, MANNKIND CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 28903 North Avenue Paine, Valencia, California 91355, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of August, 2006

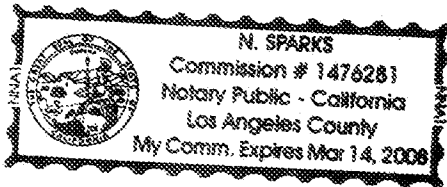

Zhiyong Qiu

STATE OF California }
COUNTY OF Los Angeles } ss.

On 8-2-06, before me, N. Sparks, personally appeared Zhiyong Qiu 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.

[SEAL]




Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 02 day of Aug, 2006

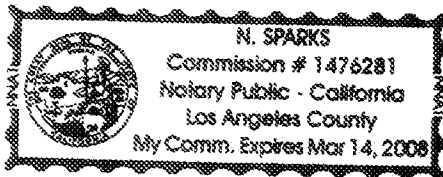
Adrian I Bot
Adrian Ion Bot

STATE OF California
COUNTY OF Los Angeles } ss.

On 8-2-06, before me, N. Sparks, personally appeared Adrian Ion Bot 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.

[SEAL]



N. Sparks
Notary Signature

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