

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>John L. MAGNANI</td> <td>07/29/2009</td> </tr> <tr> <td>John T. PATTON Jr.</td> <td>07/29/2009</td> </tr> <tr> <td>Theodore A.G. SMITH</td> <td>07/29/2009</td> </tr> </tbody> </table>		Name	Execution Date	John L. MAGNANI	07/29/2009	John T. PATTON Jr.	07/29/2009	Theodore A.G. SMITH	07/29/2009				
Name	Execution Date												
John L. MAGNANI	07/29/2009												
John T. PATTON Jr.	07/29/2009												
Theodore A.G. SMITH	07/29/2009												
<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>GlycoMimetics, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>101 Orchard Ridge Drive</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Suite 1E</td> </tr> <tr> <td><b>City:</b></td> <td>Gaithersburg</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MARYLAND</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>20878</td> </tr> </table>		<b>Name:</b>	GlycoMimetics, Inc.	<b>Street Address:</b>	101 Orchard Ridge Drive	<b>Internal Address:</b>	Suite 1E	<b>City:</b>	Gaithersburg	<b>State/Country:</b>	MARYLAND	<b>Postal Code:</b>	20878
<b>Name:</b>	GlycoMimetics, Inc.												
<b>Street Address:</b>	101 Orchard Ridge Drive												
<b>Internal Address:</b>	Suite 1E												
<b>City:</b>	Gaithersburg												
<b>State/Country:</b>	MARYLAND												
<b>Postal Code:</b>	20878												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12482180</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12482180								
Property Type	Number												
<b>Application Number:</b>	12482180												
<b>CORRESPONDENCE DATA</b>													
<p><b>Fax Number:</b> (206)682-6031</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 2066224900</p> <p><b>Email:</b> millicents@seedip.com</p> <p><b>Correspondent Name:</b> Seed IP Law Group PLLC</p> <p><b>Address Line 1:</b> 701 Fifth Avenue</p> <p><b>Address Line 2:</b> Suite 5400</p> <p><b>Address Line 4:</b> Seattle, WASHINGTON 98104</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	400068.432												
<b>NAME OF SUBMITTER:</b>	Richard G. Sharkey, Ph.D.												

CH \$40.00 12482180

**500926136**

**PATENT**  
**REEL: 023038 FRAME: 0440**

Total Attachments: 4

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

## ASSIGNMENT

WHEREAS, we, **John L. MAGNANI** having a post office address of **12216 Triple Crown Road, Gaithersburg, Maryland 20878**, **John T. Patton, Jr.** having a post office address of **18932 Marsh Hawk Lane, Gaithersburg, Maryland 20879** and **Theodore A. G. Smith** having a post office address of **3346 Knolls Parkway, Ijamsville, Maryland 21754** (hereinafter referred to as ASSIGNORS), respectively, are the joint inventors of an invention entitled **"TREATMENT OF CANCERS OF THE BLOOD USING SELECTED GLYCOMIMETIC COMPOUNDS,"** as described and claimed in the specification for which an application for United States letters patent was filed on **June 10, 2009** and assigned **Application No. 12/482,180**; which application claims the benefit of U.S. Provisional Application No. 61/131,969 filed June 13, 2008, U.S. Provisional Application No. 61/099,270 filed September 23, 2008 and U.S. Provisional Application No. 61/172,853 filed April 27, 2009;

WHEREAS, **GlycoMimetics, Inc.** (hereinafter referred to as ASSIGNEE), a corporation of the State of **Delaware** having a place of business at **101 Orchard Ridge Drive, Suite 1E, Gaithersburg, Maryland 20878**, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said

invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

July 29, 2009  
Date  
State of Maryland )  
County of Montgomery ) ss. John L. Magnani

I certify that I know or have satisfactory evidence that **John L. Magnani** is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated July 29, 2009  
Signature of Notary Public Carol L. Culwell  
Printed Name CAROL L. CULWELL  
My appointment expires June 8, 2013

Date July 29, 2009      John T. Patton, Jr.  
State of Maryland      **John T. Patton, Jr.**  
County of Montgomery      ss.

I certify that I know or have satisfactory evidence that **John T. Patton, Jr.** is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated July 29, 2009  
Signature of Notary Public Carol L. Culwell  
Printed Name CAROL L. CULWELL  
My appointment expires June 8, 2013

Date July 29, 2009  
State of Maryland )  
County of Montgomery ) ss.

Theodore A. G. Smith  
**Theodore A. G. Smith**

I certify that I know or have satisfactory evidence that **Theodore A. G. Smith** is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated July 29, 2009  
Signature of Notary Public Carol L. Culwell  
Printed Name CAROL L. CULWELL  
My appointment expires June 8, 2013