

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Cheryl Murphy</td><td>08/02/2001</td></tr><tr><td>James Storey</td><td>08/02/2001</td></tr><tr><td>Gerald A. Beltz</td><td>08/02/2001</td></tr><tr><td>Richard T. Coughlin</td><td>07/30/2001</td></tr></tbody></table>	Name	Execution Date	Cheryl Murphy	08/02/2001	James Storey	08/02/2001	Gerald A. Beltz	08/02/2001	Richard T. Coughlin	07/30/2001	
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Cheryl Murphy	08/02/2001										
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Gerald A. Beltz	08/02/2001										
Richard T. Coughlin	07/30/2001										
RECEIVING PARTY DATA											
Name:	Antigenics, Inc.										
Street Address:	3 Forbes Road										
City:	Lexington										
State/Country:	MASSACHUSETTS										
Postal Code:	02421										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12859236</td></tr></tbody></table>	Property Type	Number	Application Number:	12859236							
Property Type	Number										
Application Number:	12859236										
CORRESPONDENCE DATA											
Fax Number:	(617)646-8646										
Phone:	617-646-8000										
Email:	patents_DanY@WolfGreenfield.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Wolf, Greenfield & Sacks, P.C.										
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Address Line 4:	Boston, MASSACHUSETTS 02210										
ATTORNEY DOCKET NUMBER:	A0992.70000US03										
NAME OF SUBMITTER:	Daniel W. Young										
Total Attachments: 4 source=A0992.70000US03 - Assignment#page1.tif source=A0992.70000US03 - Assignment#page2.tif source=A0992.70000US03 - Assignment#page3.tif source=A0992.70000US03 - Assignment#page4.tif											

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PATENT  
REEL: 027252 FRAME: 0801

## ASSIGNMENT

WHEREAS, WE, Cheryl Murphy, James Storey, Gerald A. Beltz and Richard T. Coughlin, ASSIGNORS, citizens of the United States, residing at 7 Joseph Road, Hopkinton, Massachusetts 01748, 15 Lake Street, Linwood Massachusetts 01525, 4 Eustis Street, Lexington, Massachusetts 02420, and 56 Evergreen Drive, Portland, Maine 04103, respectively, are the inventors of the invention in **CHARACTERIZATION OF GRANULOCYTIC EHRlichia AND METHODS OF USE** for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☒ \_\_\_\_\_  
☒ which is identified by Pennie & Edmonds LLP docket no. 8449-173  
☒ which was filed on February 26, 2001, Application No. 09/792,957

and WHEREAS, Antigenics, Inc., a Massachusetts corporation, having an address at 34 Commerce Way, Woburn, Massachusetts 01801, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, 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, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention 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 and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign 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 protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date <u>August 2</u> , 2001	<u>Gerald A. Beltz</u>	L.S.
Date <u>August 2</u> , 2001	<u>J. R. Storey</u>	L.S.
Date <u>August 2</u> , 2001	<u>Cheryl L. Murphy</u>	L.S.
Date _____, 2001	_____	L.S.

Commonwealth  
State of Massachusetts

County of Middlesex } SS.:

On August 2, 2001, before me, Joseph E. Neader, Notary Public, personally appeared Cheryl Murphy, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Joseph E. Neader  
My Comm. expires: Sept 16, 2005

Commonwealth

State of )

County of Middlesex )

SS.:

On August 2, 2001, before me, Joseph E. Nealon, Notary Public, personally appeared James Storey, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Joseph E. Nealon  
Joseph E. Nealon  
My Commission Expires: Sept 16, 2005

Commonwealth

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County of Middlesex )

SS.:

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Joseph E. Nealon  
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My Commission Expires: Sept 16, 2005

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State of )

County of Middlesex )

SS.:

On August 2, 2001, before me, Joseph E. Nealon, Notary Public, personally appeared Richard T. Coughlin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Joseph E. Nealon  
Joseph E. Nealon  
My Commission Expires: Sept 16, 2005

PATENT

REEL: 027252 FRAME: 0803

## ASSIGNMENT

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AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign 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 protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.  
 Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.  
 Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.  
 Date 7/30/01, 2001 Richard T. Coughlin L.S.

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public, personally appeared Cheryl Murphy, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public, personally appeared James Storey, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

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State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public, personally appeared Gerald A. Beltz, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

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State of Maine )  
County of Cumberland ) SS.:

SARAH G. WILSON  
Notary Public, Maine  
My Commission Expires January 23, 2008

On July 30, 2001, before me, \_\_\_\_\_, Notary Public, personally appeared Richard T. Coughlin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

