

## 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>Dilara GRATE</td><td>03/14/2005</td></tr><tr><td>John L. DIENER</td><td>03/11/2005</td></tr><tr><td>Charles WILSON</td><td>03/11/2005</td></tr><tr><td>Thomas McCAULEY</td><td>03/14/2005</td></tr></tbody></table>	Name	Execution Date	Dilara GRATE	03/14/2005	John L. DIENER	03/11/2005	Charles WILSON	03/11/2005	Thomas McCAULEY	03/14/2005	
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Dilara GRATE	03/14/2005										
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>ARCHEMIX CORPORATION</td></tr><tr><td>Street Address:</td><td>One Hampshire Street</td></tr><tr><td>City:</td><td>Cambridge</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02139</td></tr></table>	Name:	ARCHEMIX CORPORATION	Street Address:	One Hampshire Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139	
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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>13235222</td></tr></tbody></table>	Property Type	Number	Application Number:	13235222							
Property Type	Number										
Application Number:	13235222										
CORRESPONDENCE DATA											
Fax Number: (202)842-7899											
Phone: 202-842-7800											
Email: cphillipnouchet@cooley.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: Cooley LLP											
Address Line 1: 777 6th Street, NW											
Address Line 4: Washington, DISTRICT OF COLUMBIA 20001											
ATTORNEY DOCKET NUMBER:	OPHT-008/07US 315137-2123										
NAME OF SUBMITTER:	Angie Mah										
Total Attachments: 3 source=OPHT_008_07US_Assignment #page1.tif source=OPHT_008_07US_Assignment #page2.tif source=OPHT_008_07US_Assignment #page3.tif											

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PATENT  
REEL: 027339 FRAME: 0448

## ASSIGNMENT

We, **Dilara Grate, John L. Diener, Charles Wilson, and Thomas McCauley**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Archemix Corporation**, a Delaware corporation, with offices at **One Hampshire Street, Cambridge, MA 02139** and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **STABILIZED APTAMERS TO PLATELET DERIVED GROWTH FACTOR AND THEIR USE AS ONCOLOGY THERAPEUTICS**

filed with the U.S. Patent and Trademark Office on November 2, 2004 and assigned Serial No.10/980,211, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Confirmation No.: 6314  
Filed: November 2, 2004

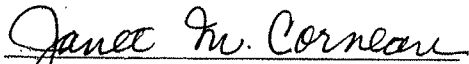
I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: MARCH 14, 2005

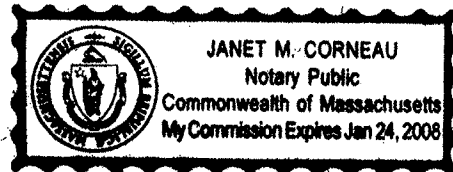
  
Signature of: Dilara Grate

State of MASSACHUSETTS  
County of MIDDLESEX

On this 14<sup>th</sup> day of MARCH, 2005, before me, the undersigned notary public, personally appeared Dilara Grate (name of document signer), proved to me through satisfactory evidence of identification which were personal identity, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public

My Commission Expires: January 24, 2008

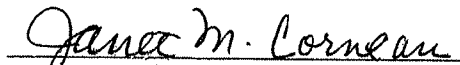


Date: March 11, 2005

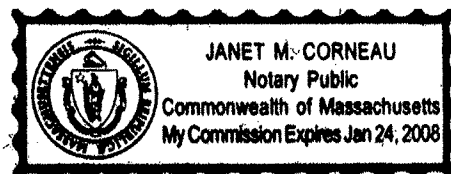
  
Signature of: John L. Diener

State of MASSACHUSETTS  
County of MIDDLESEX

On this 11<sup>th</sup> day of MARCH, 2005, before me, the undersigned notary public, personally appeared John L. Diener (name of document signer), proved to me through satisfactory evidence of identification which were personal identity, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.


  
Notary Public

My Commission Expires: January 24, 2008



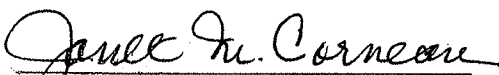
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Filed: November 2, 2004

Date: March 11, 2005

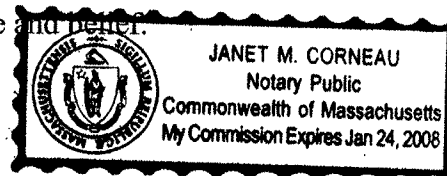
  
Signature of: Charles Wilson

State of MASSACHUSETTS  
County of MIDDLESEX

On this 11<sup>th</sup> day of March, 2005, before me, the undersigned notary public, personally appeared Charles Wilson (name of document signer), proved to me through satisfactory evidence of identification which were Personal Identity, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public

My Commission Expires: January 24, 2008




Date: MARCH 14, 2005

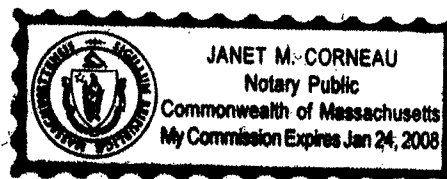
  
Signature of: Thomas McCauley

State of MASSACHUSETTS  
County of MIDDLESEX

On this 14<sup>th</sup> day of MARCH, 2005, before me, the undersigned notary public, personally appeared Thomas McCauley (name of document signer), proved to me through satisfactory evidence of identification which were personal Identity, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public

My Commission Expires: January 24, 2008



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