

## PATENT ASSIGNMENT

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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>James Grant BURGESS</td> <td>10/03/2012</td> </tr> <tr> <td>Michael John HALL</td> <td>10/03/2012</td> </tr> <tr> <td>Reindert NIJLAND</td> <td>09/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	James Grant BURGESS	10/03/2012	Michael John HALL	10/03/2012	Reindert NIJLAND	09/18/2012
Name	Execution Date								
James Grant BURGESS	10/03/2012								
Michael John HALL	10/03/2012								
Reindert NIJLAND	09/18/2012								
RECEIVING PARTY DATA									
Name:	University of Newcastle Upon Tyne								
Street Address:	King's Gate								
City:	Newcastle Upon Tyne								
State/Country:	UNITED KINGDOM								
Postal Code:	NE1 7RU								
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>13578228</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13578228				
Property Type	Number								
Application Number:	13578228								
CORRESPONDENCE DATA									
Fax Number:	7635877086								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	763.587.7076								
Email:	mmiller@cliseip.com								
Correspondent Name:	Michael H. Haukaas								
Address Line 1:	605 Hwy 169 N.								
Address Line 2:	Suite 300								
Address Line 4:	Minneapolis, MINNESOTA 55441-6454								
ATTORNEY DOCKET NUMBER:	915-002-US-NS								
NAME OF SUBMITTER:	Michael H. Haukaas								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 13578228

INSTRUCTIONS	U.S. ASSIGNMENT TO CORPORATION
Inventor(s) Name, Address, Citizenship	<p>WHEREAS,</p> <p>1. <u>James Grant BURGESS</u> residing at <u>c/o University of Newcastle, King's Gate, Newcastle Upon Tyne NE1 7RU, UNITED KINGDOM</u> and a citizen of <u>the UNITED KINGDOM</u>;</p> <p>2. <u>Michael John HALL</u> residing at <u>c/o University of Newcastle, King's Gate, Newcastle Upon Tyne NE1 7RU, UNITED KINGDOM</u> and a citizen of <u>the UNITED KINGDOM</u>;</p> <p>3. <u>Reindert NIJLAND</u> residing at <u>c/o Afelding Medische Microbiologie, Heidelberglaan 100, Utrecht NL-3584 CX, THE NETHERLANDS</u> and a citizen of <u>the NETHERLANDS</u>;</p>
Check the appropriate box and fill in the requested information:	<p>(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled <b>COMPOUNDS AND METHODS FOR BIOFILM DISRUPTION AND PREVENTION</b> and which:</p>
<ul style="list-style-type: none"> <li>• select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;</li> <li>• select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;</li> <li>• select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or</li> <li>• select the fourth check box if the application will be filed with the application.</li> </ul>	<p><input type="checkbox"/> is the national stage application of international Application No. _____ filed on _____;</p> <p><input type="checkbox"/> will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Clise, Billion &amp; Cyr, P.A., who are associated with customer number 44163, to insert here in parenthesis (U.S. Serial No. _____, filed _____) this application's U.S. Serial Number and filing date, when known;</p> <p><input checked="" type="checkbox"/> was filed on <u>9 August 2012</u> and was given U.S. Serial No. <u>13/578,228</u>; or</p> <p><input type="checkbox"/> is filed concurrently herewith;</p>
Name of Corporation	<p>AND WHEREAS <u>University of Newcastle Upon Tyne</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>the UNITED KINGDOM</u>, and having an office and place of business at <u>King's Gate, Newcastle Upon Tyne NE1 7RU, UNITED KINGDOM</u></p>
State or Country of Incorporation and Address	<p>wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;</p>

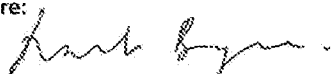

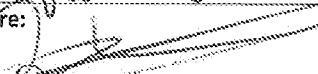
NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date  
Note: No legalization or other witness required

Name: James Grant BURGESS	Signature: 	Date: 3.10.2012
Name: Michael John HALL	Signature: 	Date: 3/10/2012
Name: Reindert NIJLAND	Signature: 	Date: 10/09/2012