

**PATENT ASSIGNMENT**

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<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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jonathan D. Smith</td> <td>06/01/2009</td> </tr> <tr> <td>Breanna L. Dreiling</td> <td>06/01/2009</td> </tr> <tr> <td>Breanna C. Smith</td> <td>06/01/2009</td> </tr> <tr> <td>John H. Wheeler</td> <td>06/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan D. Smith	06/01/2009	Breanna L. Dreiling	06/01/2009	Breanna C. Smith	06/01/2009	John H. Wheeler	06/01/2009
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Jonathan D. Smith	06/01/2009										
Breanna L. Dreiling	06/01/2009										
Breanna C. Smith	06/01/2009										
John H. Wheeler	06/01/2009										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	MicroPhage (TM) Incorporated										
<b>Street Address:</b>	2400 Trade Centre Avenue										
<b>City:</b>	Longmont										
<b>State/Country:</b>	COLORADO										
<b>Postal Code:</b>	80503										
<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>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12476796</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12476796						
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<b>Application Number:</b>	12476796										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(303)894-9239										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	303-830-1776										
<b>Email:</b>	EVonSpreckelsen@pattonboggs.com										
<b>Correspondent Name:</b>	Carl A. Forest										
<b>Address Line 1:</b>	Patton Boggs LLP										
<b>Address Line 2:</b>	1801 CALFORNIA STREET, SUITE 4900										
<b>Address Line 4:</b>	DENVER, COLORADO 80202										
<b>ATTORNEY DOCKET NUMBER:</b>	022116.0127PTUS										
<b>NAME OF SUBMITTER:</b>	Carl A. Forest										

**OP \$40.00 12476796**

Total Attachments: 3

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made this 1<sup>st</sup> day of June, 2009, by Jonathan D. Smith; Breanna L. Dreiling; Breanna C. Smith; and John H. Wheeler (hereinafter referred to as Assignors), residing at 3010 15th Street, Boulder, Colorado 80304; 3222 Lake Park Way, Apt. #104, Longmont, Colorado 80503; 6400 McCall Drive, Lyons, Colorado 80503; and 7251 Augusta Drive, Boulder, Colorado 80301, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in **METHOD AND APPARATUS FOR ENHANCED SENSITIVITY IN BACTERIOPHAGE-BASED DIAGNOSTIC ASSAYS**, set forth in a Patent application for Letters Patent of the United States, already filed on June 2, 2009 as U.S. Application No. 12/476,796; and

**WHEREAS**, MicroPhage™ Incorporated, a Corporation organized under and pursuant to the laws of United States of America having its principal place of business at 2400 Trade Centre Avenue, Longmont, Colorado 80503 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all related United States provisional applications, any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

PATTON BOGGS LLP

All practitioners at Customer Number 24283

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.


Date: 6/1/09

Signature:   
Jonathan D. Smith

Date: 6/1/09

Signature:   
Breanna L. Breiling

Date: 6/1/09

Signature:   
Breanna C. Smith

Date: 6.1.09

Signature:   
John H. Wheeler