

## 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>Egil Lien</td><td>09/15/2006</td></tr><tr><td>Jon D. Goguen</td><td>09/15/2006</td></tr></tbody></table>		Name	Execution Date	Egil Lien	09/15/2006	Jon D. Goguen	09/15/2006				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>University of Massachusetts</td></tr><tr><td>Street Address:</td><td>225 Franklin Street, Floor 12</td></tr><tr><td>City:</td><td>Boston</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02110</td></tr></table>		Name:	University of Massachusetts	Street Address:	225 Franklin Street, Floor 12	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02110
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PROPERTY NUMBERS Total: 1											
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PCT Number:	US0607443										
CORRESPONDENCE DATA											
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Total Attachments: 2 source=UMK525assign#page1.tif source=UMK525assign#page2.tif											

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PATENT  
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ASSIGNMENT

WHEREAS we, *Egil Lien*, of 515 Putnam Avenue, #4, Cambridge, Massachusetts 02139, and *John D. Goguen*, of 237 BRATTLE ST., HOLDEN, MA 01520, have developed certain inventions described in a patent application entitled *Modified Pathogens for Use as Vaccines*, filed on *March 2, 2006* and having International Patent Application No. *PCT/US2006/007443* and having full right to convey our entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, *University of Massachusetts* ("Assignee"), a non-profit corporation of the Commonwealth of Massachusetts, having its principal place of business at 225 Franklin Street, 12<sup>th</sup> Floor, Boston, Massachusetts 02110, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications to which the aforesaid application claims priority; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.


IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

  
 \_\_\_\_\_  
 Egil Lien

9/15/06  
 \_\_\_\_\_  
 (Date)

Commonwealth of Massachusetts )  
 )  
 County of Worcester )

On this the 15<sup>th</sup> day of September, 2006 before me personally appeared Egil Lien, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.


  
 \_\_\_\_\_  
 Notary Public

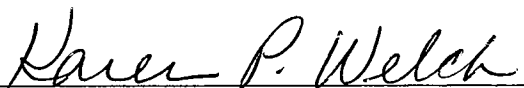
My commission expires 5/5/11

  
 \_\_\_\_\_  
 John D. Goguen  
 JDG

9/15/06  
 \_\_\_\_\_  
 (Date)

Commonwealth of Massachusetts )  
 )  
 County of Worcester )

 On this the 15<sup>th</sup> day of September, 2006 before me personally appeared John D. Goguen, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

  
 \_\_\_\_\_  
 Notary Public

My commission expires 5/5/11