

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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 F. Smith</td> <td>02/11/2004</td> </tr> <tr> <td>Kurt Kamrud</td> <td>02/02/2004</td> </tr> <tr> <td>Sergey Dryga</td> <td>02/02/2004</td> </tr> <tr> <td>Ian Caley</td> <td>02/02/2004</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan F. Smith	02/11/2004	Kurt Kamrud	02/02/2004	Sergey Dryga	02/02/2004	Ian Caley	02/02/2004
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Jonathan F. Smith	02/11/2004										
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RECEIVING PARTY DATA											
Name:	AlphaVax, Inc.										
Street Address:	2 Triangle Drive										
City:	Research Triangle Park										
State/Country:	NORTH CAROLINA										
Postal Code:	27709-0307										
PROPERTY NUMBERS Total: 1											
<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>Application Number:</td> <td>12116031</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12116031						
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Application Number:	12116031										
CORRESPONDENCE DATA											
Fax Number:	(303)499-8089										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name:	Greenlee, Winner and Sullivan, P.C.										
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ATTORNEY DOCKET NUMBER:	95-02A										
NAME OF SUBMITTER:	Donna M. Ferber, Ph.D.										
Total Attachments: 4											

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**PATENT
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ASSIGNMENT

WHEREAS, WE,

Jonathan F. Smith, residing at 104 Bronzewood Court, Cary, NC 27511
Kurt Kamrud, residing at 2209 WinPost Lane, Apex, NC 27502
Sergey Dryga, residing at 211 Bonsail Place, Chapel Hill, NC 27514
Ian Caley, 314 Marist Court, Durham, NC 27713

(herein called "ASSIGNORS"), are co-inventors of the subject matter disclosed in Provisional Patent Application Serial No. **60/433,299**, filed in the United States Patent Office on **December 13, 2002**, for "**Multi-Antigenic Virus Particles and Methods**"; U.S. Serial No. 10,735,601, filed in the United States Patent Office on **December 12, 2003**, and International Patent Application No. **PCT/US03/39723** filed on **December 12, 2003**, both entitled "**Multi-antigenic Alphavirus Replicon Particles and Methods**";

WHEREAS, **AlphaVax, Inc.** (herein called "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having a place of business at 2 Triangle Drive, Research Triangle Park, NC 27709-0307 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 of the United States under The International Union for the Protection for 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 the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said

Date: 2/2/04

Kurt Kamrud
Kurt Kamrud

STATE OF NORTH CAROLINA)
COUNTY OF Durham) ss.

BEFORE ME, the undersigned authority, on this 2 day of Feb., ^{2004 NPW} ~~2003~~, personally appeared **Kurt Kamrud**, known to me to be the person whose name is subscribed to the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Nancy P. Wezner
NOTARY

(SEAL)

My commission expires: 2/3/07

Date: 2/2/2004

Sergey Dryga
Sergey Dryga

STATE OF NORTH CAROLINA)
COUNTY OF Durham) ss.

BEFORE ME, the undersigned authority, on this 2 day of February ^{NPW} ~~2003~~, personally appeared **Sergey Dryga**, known to me to be the person whose name is subscribed to the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Nancy P. Wezner
NOTARY
My commission expires
2/3/07

(SEAL)

My commission expires:

Date: 2/2/04

[Signature]
Ian Caley

STATE OF NORTH CAROLINA)
COUNTY OF Durham) ss.

BEFORE ME, the undersigned authority, on this 2 day of February, ^{2004 NW} 2003, personally appeared **Ian Caley**, known to me to be the person whose name is subscribed to the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Nancy P. Wegner
NOTARY

my commission expires 2/3/07

(SEAL)

My commission expires: