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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jonathan F. Smith	02/11/2004
Kurt Kamrud	02/02/2004
Sergey Dryga	02/02/2004
lan Caley	02/02/2004

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

Property Type	Number
Application Number:	12116031

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 95-02A

NAME OF SUBMITTER: Donna M. Ferber, Ph.D.

Total Attachments: 4

PATENT REEL: 020914 FRAME: 0284

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> PATENT REEL: 020914 FRAME: 0285

Docket No.95-02

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

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PATENT REEL: 020914 FRAME: 0286 application or any other information that 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.

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our signatures.

Date: <u>2-11-04</u>

Jonathan F. Smith

STATE OF NORTH CAROLINA

county of Durham

BEFORE ME, the undersigned authority, on this \(\sum_{\text{to day of }} \) day of \(\frac{\frac{1}{2003}}{2003} \), personally appeared **Jonathan F. Smith**, 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. W.

(SEAL)

My commission expires: 2|3|07

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2004 you

Date: 2/2/04	Kurt Kamrud
STATE OF NORTH CAROLINA) ss. COUNTY OF ME, the undersigned authori personally appeared Kurt Kamrud , known subscribed to the foregoing instrument and wh same of his own free will for the purposes and	o acknowledged to me that he executed the
(SEAL)	NOTARY /
My commission expires: $\frac{2}{3}$	
Date: 2/2/2004	Sergey Dryga
STATE OF NORTH CAROLINA)	
county of <u>Surham</u>) ss.	- nAW
subscribed to the foregoing instrument and wh same of his own free will for the purposes and	o acknowledged to me that he executed the disconsideration therein expressed.
	Maney P. Clegrer MOTARY My Commission 24 pries 2/3/07
(SEAL)	my commession 24 pries
My commission expires:	2/3/07

Date: <u>2/2/04</u>	lan Caley
STATE OF NORTH CAROLINA) ss. COUNTY OF State of the undersigned authors of the foregoing instrument and who acknow own free will for the purposes and conside	nority, on this <u></u> day of <u>Jebruary</u> , 2003 , me to be the person whose name is subscribed wledged to me that he executed the same of his ration therein expressed.
(SEAL) My commission expires:	Mancy P. Wegner NOTARY My Et minimon experis 2/3/07

RECORDED: 05/07/2008