merically) [[] [] [] []	102446335 reof. 22. Name and address of receiving party(ies): Name: Government of the United States of America, as represented by the Secretary, Department of Health and Hums Services Internal Address: Suite 325 Street Address: 6011 Executive Boulevard City: Rockville State: Maryland ZIP: 20852-3804 Additional name(s) of receiving party(ies) attached? () Yes (X) No 4. Application number(s) or Patent number(s):
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	(X) Patent Application No.: 09/913,909 Filing Date: August 17, 2001
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	Additional numbers attached? () Yes (X) N
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	7. Total fee (37 CFR 1.21(h)): \$40
ma: Nancy W. Vansko	(X) Enclosed
KNOBBE, MARTENS, OLSON & BEAR, LLP	(X) Authorized to be charged to deposit account if any
Customer No. 20,995	additional fees are required, or to credit any overpayment
	8. Deposit account number: 11-1410
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Alexandria, VA 22313-1450

PATENT REEL: 014044 FRAME: 0463

PATENT

Application No.: 09/913,909 Client Code: NIH220.001APC Filing Date: August 17, 2001

ASSIGNMENT

WHEREAS, The Regents of the University of Michigan (hereinafter "ASSIGNOR"), represents and warrants that it is an owner of the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has filed the following United States applications for Letters Patents in the United States (hereinafter "the Patent Applications"):

Application No. Filing Date Title

09/913,909 August 17, 2001 IMMUNIZATION FOR EBOLA VIRUS INFECTION

WHEREAS, Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (hereinafter "ASSIGNEE") desires to purchase ASSIGNOR's entire right, title, and interest in and to the inventions disclosed in the Patent Applications;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) to ASSIGNOR, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, ASSIGNOR's entire right, title, and interest throughout the world in, to, and under the said improvements, and the said Patent Applications and all Patents that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said issued Letters Patents;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27th day of 41.1. , 2003

	7
The Reg	ents of the University of Michigan
Ву:	enother
	Kenneth J. Nisbet
Name Printed: _	Executive Director
Title:	UM Technology Transfer
Date:	4/29/03

COUNTY OF Masktenau ss.

On 4/24/03, before me, fremeth. I. The total, personally appeared The Regents of the University of Michigan personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity(ies), and that by their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

RECORDED: 05/09/2003

[SEAL]

Michoel D Hollman Notary Signature

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MICHAEL D'HALLMAN
NOTARY PUBLIC STATE OF MICHIGAN
GENESEE COUNTY
ACTING IN:
MY COMMISSION EXP. MAY 27/2003

PATENT REEL: 014044 FRAME: 0465