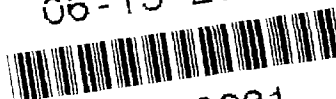


616102

Atty. Docket No. 2026-4267US1

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To The Honorable Commissioner of Patents and Trademarks
Please record the attached original documents or copies of the same.

1. Name of conveying party(ies):
Xiang-Jin MENG
Suzanne U. EMERSON
Robert H. PURCELL

Name and address of receiving party(ies):
Name: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
Address: National Institutes of Health
Office of Technology Transfer
6011 Executive Boulevard
Rockville, Maryland 20852

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & addresses attached? Yes No

3. Nature of conveyance:
 Assignment
 Other
Execution Date(s): May 14, 2002 and May 20, 2002

4. Patent Application number(s)
09/462,606
Execution Date(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: William S. Feiler, Esq.
Address: MORGAN & FINNEGAN, L.L.P.
345 Park Avenue
New York, New York 10154

6. Total number of applications involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Name of Person Signing: Eugene Moroz
Signature: *Eugene Moroz*
Date: 5/22/2002
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PATENT
REEL: 012974 FRAME: 0360

ASSIGNMENT

401 Craig Drive, Blacksburg, VA 24060

WHEREAS, we, Xiang-Jin MENG, residing at ~~Apt. 611, 3 Pooks Hill Rd., Bethesda, MD 20814~~ U.S.A., a citizen of China; Suzanne U. EMERSON, residing at 4517 Everett Street, Kensington, Maryland 20895 U.S.A., a citizen of the United States, and Robert H. PURCELL residing at 17517 White Grounds Road, Boyds, Maryland 20841, U.S. A., a citizen of the United States, have invented

xjm 3/14/02

*Jayce O. Mengor
Notary Public
Notary 5/14/02*

A SWINE HEPATITIS E VIRUS AND USES THEROF,

which application for Letters Patent of the United States of America has been filed on June 12, 2000, under Serial No. 09/462,606.

WHEREAS, we are the applicants named in the above-identified application for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services (hereinafter THE GOVERNMENT) under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we Xiang-Jin Meng, Suzanne U. Emerson and Robert H. Purcell, hereby assign and transfer to THE GOVERNMENT, as represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States of America and within each and every foreign country in which THE GOVERNMENT elects to file and the entire right, title, and interest in and to such applications, and any continuations, continuations-in-part, divisions, reissues or extensions thereof, and including priority rights as may be filed in the United States of America and foreign countries, and such Letters Patent as may be granted to be held by THE GOVERNMENT to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

Assignor's Signature:



XIANG-JIN MENG

IN WITNESS WHEREOF, I subscribe my hand and affixed my seal on the date shown below.

County of Montgomery SS:
State of Virginia

Subscribed and sworn to before me this 14th day of May, 2002


Notary Public

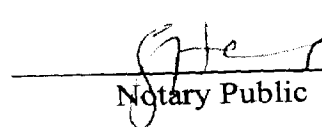
Assignor's Signature:


SUZANNE U. EMERSON

IN WITNESS WHEREOF, I subscribe my hand and affixed my seal on the date shown below.

County of Montgomery SS:
State of Maryland

Subscribed and sworn to before me this 21th day of May, 2002


GITA C. SHAH
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires July 24, 2004
Notary Public

Assignor's Signature: Robert H Purcell
ROBERT H. PURCELL

IN WITNESS WHEREOF, I subscribe my hand and affixed my seal on the date shown below.

County of Montgomery SS:
State of Maryland

Subscribed and sworn to before me this 20th day of May, 2002

Gita C. Shah
Notary Public
GITA C. SHAH
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires July 24, 2004