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FORT DETRICK

City: **FREDERICK** State: **MD** ZIP: **21702**

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Execution Date: **04/29/2002; 04/23/2002**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/077,804

B. Patent No.(s)

02/20/2002

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **ELIZABETH ARWINE**

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6. Total number of applications and patents involved: **1**

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ASSIGNMENT OF INVENTION

Title of Invention: METHOD FOR TREATING, PREVENTING, OR INHIBITING
ENTEROTOXIGENIC ESCHERICHIA COLI INFECTIONS WITH BOVINE
ERYTHROCYTE PREPARATIONS

Inventors: HYOIK RYU and FREDERICK J. CASSELS

Date Oath Executed: February 15, 2002; February 19, 2002

Application Serial No.: US 10/077,804

Filing Date: February 20, 2002

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent all Letters Patent issuing thereon, and any continuation, continuation-in-part, or division of said application and any resissue of extension of said Letters Patent.

2. Assign to the Government all right, title, and interest in the invention in those foreign countries in which the Government determines to cause an application to be filed, including but not limited to Australia, Canada, Mexico, Japan and the countries of the European Union.

3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution of interference's, and recording of title of patent applications and patents issuing thereon.

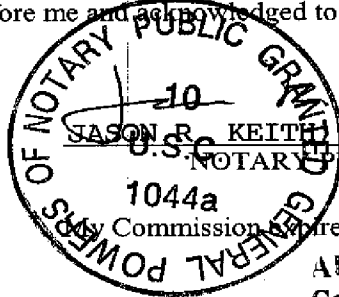
Inventor's Signature: *Hyolik Ryu*

Date: April 29, 2002 Typed Name of Inventor: HYOIK RYU

~~STATE OF~~ WITH THE ARMED FORCES
~~COUNTY OF~~ AT TAEGU, KOREA
~~XXXXXXXX~~

On the above date HYOIK RYU known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed.

(SEAL)



Keith

JASON R. KEITH PFC, USA, PARALEGAL SPECIALIST
U.S.C. NOTARY PUBLIC

Commission Expires on INDEF

AUTHORITY : 10 U.S.C. 936 & 1044a
Commission Indefinite Until
Retirement or Resignation

ASSIGNMENT OF INVENTION

Title of Invention: METHOD FOR TREATING, PREVENTING, OR INHIBITING
ENTEROTOXIGENIC ESCHERICHIA COLI INFECTIONS WITH BOVINE
ERYTHROCYTE PREPARATIONS

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Date Oath Executed: February 15, 2002; February 19, 2002

Application Serial No.: US 10/077,804

Filing Date: February 20, 2002

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

4. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent all Letters Patent issuing thereon, and any continuation, continuation-in-part, or division of said application and any resissue of extension of said Letters Patent.

5. Assign to the Government all right, title, and interest in the invention in those foreign countries in which the Government determines to cause an application to be filed, including but not limited to Australia, Canada, Mexico, Japan and the countries of the European Union.

6. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution of interference's, and recording of title of patent applications and patents issuing thereon.

Inventor's Signature: Frederick J Casels

Date: 23 Apr 02 Typed Name of Inventor: FREDERICK J. CASSELS

STATE OF Maryland

COUNTY OF Montgomery

On the above date FREDERICK J. CASSELS known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed.

(SEAL)

Deanna M. Wilson
NOTARY PUBLIC

My Commission expires on _____
DEANNA M. WILSON
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires December 29, 2004

