PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
The University of North Carolina at Chapel Hill	09/18/2001

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892-7980	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09862847

CORRESPONDENCE DATA

Fax Number: (301)480-0272

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: edison@nih.gov

Correspondent Name: Director, DEITR

Address Line 1: NIH, 6705 Rockledge Drive, Suite 310

Address Line 2: MSC 7980

Address Line 4: Bethesda, MARYLAND 20892-7980

NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

source=09862847#page1.tif

PATENT REEL: 021060 FRAME: 0880

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title:

Directional Assembly Of Coronavirus Infectious Clones

Inventor(s):

Ralph S. Baric and Boyd Yount

Patent or Application Serial No.: 09/862,847

U.S. Filing/Issue Date:

May 21, 2001

Grant/Contract Identification Number(s):

AI23946-08; EIR #0578206-99-0018

Grantee/Contractor File #:

OTD99-109

Foreign Applications filed/intended in (countries):

PCT/ US01/16564 filed 5/21/01; not

vet known

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the Public Health Service/National Institutes of Health. This document is confirmatory of:

- The nonexclusive, nontransferable, irrevocable, paid-up license granted to the Federal 1. Government in the invention described in the patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon; and
- All other rights acquired by the Government by reason of the above identified 2. grant/contract award and the laws and regulations, which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Crowell, Associate Vice Chancellor, Technology Development

Signed this 18 day of September 2001.

For:

The University of North Carolina at Chapel Hill

At:

Office of Technology Development

CB# 4105, 308 Bynum Hall Chapel Hill, NC 27599-4105

dbp[nih99109]

RECORDED: 06/06/2008

PATENT REEL: 021060 FRAME: 0881