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
HARVARD UNIVERSITY	06/07/1993

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:	08058299

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

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PATENT REEL: 022050 FRAME: 0602

LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the Department of Health and Human Services, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention Title

: Invivo Selection of Microbial Virulence Genes

Inventor(s)

: John J. Mekalanos, Michael J. Mahan and James M.

Slauch

Patent Application

Serial No.

: 08/058,299

Filing Date

: May 6, 1993

Title

Country, if other than

None

United States

and any and all divisions or continuations, and in any and all patents or reissues which may be granted thereon.

This subject invention was made with the assistance of the (National Institutes of Health/Alcohol, Drug Abuse, and Mental Health Administration grant/contract) No. AI26289 and AI08245.

Principal rights to this subject invention have been left with the Licensor:

PRESIDENT AND FELLOWS OF HARVARD COLLEGE, subject to the provisions of 37 CFR 401 and 45 CFR

Signed:

Typed Name: Joyce Brinton

Title: Director.

Office for Technology and

Trademark Licensing Harvard University



RECORDED: 01/02/2009

REEL: 022050 FRAME: 0603