

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE:   | NEW ASSIGNMENT   |
| NATURE OF CONVEYANCE:  | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE   |
| CONVEYING PARTY DATA   |  |
| Name   | Execution Date   |
| THE CURATORS OF THE UNIVERSITY OF MISSOURI   | 06/13/2006   |
| 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:  | 10507786   |
| CORRESPONDENCE DATA  |  |
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| NAME OF SUBMITTER:   | Director,DEITR,NIH   |
| Total Attachments: 1<br>source=10-507,786#page1.tif                                  |  |

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PATENT  
REEL: 026209 FRAME: 0880

REC'D JUN 15 2006

LICENSE TO THE UNITED STATES GOVERNMENT

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

Invention Title: "Mutation of H. Influenzae OMP4 to Preserve Immunogenicity and Abrogate Enzymatic Activity"

Inventor(s): Arnold L. Smith, Thomas J. Reilly

U.S. Provisional Patent Application

Serial No.: 10/507,786

File Date: September 13, 2004

Patent Number:

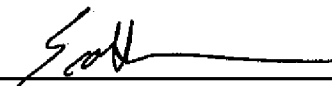
Title: "Mutants of the P4 Protein of Nontypable Haemophilus Influenzae with Reduced Enzymatic Activity"

Country, if other  
than United States:

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, NIH Grant No. DHHS 5 R01 AI44002-02.

Principal rights to this subject invention have been left with the Licensor: The Curators of the University of Missouri, subject to the provisions of 37 CFR 401 and 45 CFR 8.

Signed: \_\_\_\_\_



Date: \_\_\_\_\_

6/13/06

Typed Name: Scott K. Uhlmann

Title: Associate Director, Intellectual Property Management, Office of Technology & Special Projects