

Form PTO-1595 (Rev. 06/04)
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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

ARNOLD L. SMITH, THOMAS J. REILLY

2. Name and address of receiving party(ies)

Name: THE CURATORS OF THE UNIVERSITY OF MISSOURI

Internal Address: _____

Street Address: 316 UNIVERSITY HALL

City: COLUMBIA

State: MISSOURI

Country: USA Zip: 65211

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date(s) 8-24-04; 9-2-04

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.
A. Patent Application No.(s)
B. Patent No.(s)

A. Patent Application No.(s)

10/507,786

Additional numbers attached? ☐ Yes ☒ No

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

Name: HOWSON AND HOWSON

Internal Address: _____

Street Address: P.O. BOX 457

City: SPRING HOUSE

State: PENNSYLVANIA Zip: 19477

Phone Number: 215-540-9200

Fax Number: 215-540-5818

Email Address: mebak@howsonandhowson.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 08-3040

Authorized User Name HOWSON AND HOWSON

9. Signature:

Mary E. Bak

Signature

October 4, 2004

Date

Mary E. Bak

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5985, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, Arnold L. Smith and Thomas J. Reilly, hereinafter referred to as ASSIGNORS, have co-invented and are the co-owners of an invention entitled MUTANTS OF THE P4 PROTEIN OF NONTYPABLE HAEMOPHILUS INFLUENZAE WITH REDUCED ENZYMATIC ACTIVITY said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which is being filed herewith;

WHEREAS, The Curators of the University of Missouri, a corporation organized and existing under and by virtue of the laws of the State of Missouri and engaged in business at 316 University Hall, Columbia, Missouri, 65211, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part;

And ASSIGNORS hereby authorize and request the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns;

And ASSIGNORS hereby authorize and direct its attorneys to insert, in the space provided below, the serial number and filing date of the aforesaid application for Letters Patent of the United States when the same shall have been made know to them by the United States Patent and Trademark Office.

U.S. Application No. 10/507,786 filed on: September 13, 2004

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date 24 Aug 04

Arnold L. Smith (SEAL)
Arnold L. Smith

Date Sept 2, 2004

Thomas J. Reilly (SEAL)
Thomas J. Reilly

NOTARIAL CERTIFICATE

State of Washington :
County of King : ss.
:

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 24th day of August, 2004, personally appeared Arnold L. Smith, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he executed the same as his free act and deed and desired the same to be recorded as such.

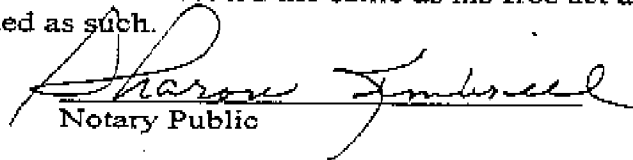


Katherine E. Weybright
Notary Public

NOTARIAL CERTIFICATE

State of Missouri :
County of Audrain : ss.
:

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 2nd day of September 2004, personally appeared Thomas J. Reilly, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he executed the same as his free act and deed and desired the same to be recorded as such.


Notary Public

SHARON KIMBRELL
Notary Public - State of Missouri
County of Audrain
My Commission Expires Jan. 20, 2008