

07-01-2003

Form PTO-1595 (Rev. 03/01) RE
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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Bernhard Dietzschold
D. Craig Hooper
Matthias J. Schnell
6.30.03
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Thomas Jefferson University
Internal Address: _____
Street Address: 1020 Walnut Street
City: Philadelphia State: PA Zip: 19107
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
Corrective to Correct Assignor's Name at
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Execution Date: 1/27/2003

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s) 10/268,197
B. Patent No.(s) _____
Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Daniel A. Monaco
Internal Address: Drinker Biddle & Reath LLP
Street Address: One Logan Square
18th and Cherry Streets
City: Philadelphia State: PA Zip: 19103-6996

8. Deposit account number:
50-0573

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9. Signature.
Daniel A. Monaco *[Signature]* June 26, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 5

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Bernhard Dietzschold D. Craig Hooper Matthias J. Schnell

2-6-03

2. Name and address of receiving party(ies) Name: Thomas Jefferson University

Internal Address:

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

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Street Address: 1020 Walnut Street

City: Philadelphia State: PA Zip: 19107

Execution Date: 1/27/2003

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

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/268,197 Filed: 10/10/2002

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Daniel A. Monaco

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9. Signature. Daniel A. Monaco January 30, 2003 Name of Person Signing Signature Date

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ASSIGNMENT

WHEREAS, we, Bernhard Dietzschold, a citizen of the United States of America, with a post office address of 3430 Goshen Road, Newtown Square, Pennsylvania 19073, D. Craig Hooper, a citizen of Canada, with a post office address of 2 Oregon Trail, Medford, New Jersey 08055 and Matthias J. Schnell, a citizen of Germany, with a post office address of 7 Linden Way, Harleysville, Pennsylvania 19348, hereinafter generally referred to as "ASSIGNORS", have invented certain new and useful **RECOMBINANT RABIES VACCINE AND METHODS OF PREPARATION AND USE**

for which we have on October 10, 2002 filed an application for Letters Patent, the application having been assigned U.S. Application Serial No. 10/268,197, and

WHEREAS, Thomas Jefferson University, having a place of business at 1020 Walnut Street, Philadelphia, PA 19107, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign their entire right, title and interest therein to ASSIGNEE.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations, and all foreign Letters Patent which may be granted on said invention, including reissues, extensions, renewals and reexaminations of such Letters Patent;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

Bernhard Dietzschold (L.S.)
Bernhard Dietzschold

D. Craig Hooper (L.S.)
D. Craig Hooper

Matthias J. Schnell (L.S.)
Matthias J. Schnell

State of Pennsylvania :
County of Philadelphia :
SS

Before me, a notary public, in and for the State and County aforesaid, on this 27 day of JANUARY, 2002³ personally appeared **Bernhard Dietzschold** who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Sherry R. Weitz
Notary Public

NOTARIAL SEAL
SHERRY R. WEITZ, Notary Public
City of Philadelphia, Phila. County
My Commission Expires June 27, 2006

State of : PENNSYLVANIA
County of : Philadelphia

Before me, a notary public, in and for the State and County aforesaid, on this 27 day of JANUARY, 2002 personally appeared D. Craig Hooper who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Sherry R Weitz
Notary Public

NOTARIAL SEAL
SHERRY R. WEITZ, Notary Public
City of Philadelphia, Phila. County
My Commission Expires June 27, 2006

State of : PENNSYLVANIA
County of : Philadelphia

Before me, a notary public, in and for the State and County aforesaid, on this 27 day of JANUARY, 2002 personally appeared Matthias J. Schnell who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Sherry R Weitz
Notary Public

NOTARIAL SEAL
SHERRY R. WEITZ, Notary Public
City of Philadelphia, Phila. County
My Commission Expires June 27, 2006