

07-30-1999



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U.S. Department of Commerce
Patent and Trademark Office

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

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| <p>1. Name of conveying party(ies): <u>James M. Wilson, and Krishna J. Fisher</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> | <p>2. Name and address of receiving party(ies)</p> <p>Name: <u>The Trustees of the University of Pennsylvania</u></p> <p>Internal Address: _____</p> |
| <p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Dates: <u>July 8, 1997 and August 8, 1997</u></p> | <p>Street Address: <u>3700 Market Street, Suite 300 Philadelphia, PA</u> <u>19104</u></p> <p>City: <u>Philadelphia</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> |
| <p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) <u>09/246,320</u></p> <p>B. Patent No.(s) _____</p> <p>Additional numbers attached: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> | |
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>HOWSON AND HOWSON</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Box 457</u> <u>One Spring House Corporate Center</u></p> <p>City: <u>Spring House</u> State: <u>PA</u> Zip: <u>19477</u></p> | <p>6. Total number of applications and Patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> Previously sent to PTO</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>08-3040</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p> |
| <p>Do not use this space</p> | |
| <p>9. Statement and signature</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p><u>Cathy A. Kodroff</u> <u>Cathy A. Kodroff</u> <u>July 26, 1999</u> Name of Person Signing Signature Date</p> <p>Total number of pages, including cover sheet, attachments, and document: <u>8</u></p> | |

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, DC 20231

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ASSIGNMENT

WHEREAS, James M. Wilson, William M. Kelley, and Krishna J. Fisher, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled HYBRID ADENOVIRUS-AAV VECTOR AND METHODS OF USE THEREOF 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 has been filed on April 25, 1997 and given Application Number 08/836,087.

WHEREAS, The Trustees of the University of Pennsylvania, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania and engaged in business at 3700 Market Street, Suite 300, Philadelphia, Pennsylvania 19104-3147 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 an 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 Commissioner of Patents and Trademarks 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.

IN WITNESS WHEREOF, this assignment has been executed this _____ day of _____ 1997.

Date 8-8-97 _____ (SEAL)
James M. Wilson

Date _____ (SEAL)
William M. Kelley

Date 7-8-97 _____ (SEAL)
Krishna J. Fisher

NOTARIAL CERTIFICATE

State of Pa :
County of Phila : ss.:

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 8th day of August 1997, personally appeared **James M. Wilson** to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

Janet C. Deeney
Notary Public

NOTARIAL SEAL
JANET C. DEENEY, Notary Public
City of Philadelphia, Phila. County
My Commission Expires April 8, 2000

NOTARIAL CERTIFICATE

State of :
County of : ss.:

Before me, the undersigned, a notary public, in and for the county aforesaid, on this ___ day of _____ 1997, personally appeared **William M. Kelley** to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

Notary Public

NOTARIAL CERTIFICATE

State of *Pa* :
County of *Phila* : ss.:

Before me, the undersigned, a notary public, in and for the county aforesaid, on this ___ day of _____ 1997, personally appeared **Krishna J. Fisher** to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

Janet C. DeENEY

Notary Public

NOTARIAL SEAL
JANET C. DEENEY, Notary Public
City of Philadelphia, Phila. County
My Commission Expires April 8, 2000