PATENT REEL: 013002 FRAME: 0228

ASSIGNMENT

WHEREAS, James M. Wilson, Karen Kozarsky, and Jerome Strauss, III, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled METHODS AND COMPOSITIONS FOR GENE THERAPY FOR THE TREATMENT OF DEFECTS IN LIPOPROTEIN METABOLISM 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 August 22, 1997 and given Application Number 08/894,489.

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.

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IN WITNESS WHEREOF, this assignment has been executed this gradual day of October 1997. Date 10/8/97 **NOTARIAL CERTIFICATE** State of

County of

Before me, the undersigned, a notary public, in and for the county aforesaid, on this gta day of October 1997, personally appeared James M. Wilson, 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.

NOTABIAL SEAL JUAN J. GRAÑA, Nolary Public City of Philadelphia, Phila. County My Commission Expires June 30, 1998

NOTARIAL CERTIFICATE

State of

County of

Od alphia

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 8 th day of 0 them 1997, personally appeared Karen Kozarsky, to me known to be the person described in and who executed the foregoing instrument and who acknowledged that she executed the same as her free act and deed and desired the same to be recorded as such.

Notary Public

NOTARIAL SEAL JUAN J.-GRAÑA, Notary Public City of Philadelphia, Phila. County My Commission Expires June 30, 1998

NOTARIAL CERTIFICATE

State of

Vernsylvania -

RECORDED: 06/10/2002

SS

County of

Before me, the undersigned, a notary public, in and for the county aforesaid, on this state day of <u>October</u> 1997, personally appeared <u>Jerome</u> Strauss. III 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

NOTABIAL SEAL JUAN J. GRAÑA, Notary Public City of Philadelphia, Phila. County My Commission Expires June 30, 1928

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