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	GPR/FINANCE Recordat	ion Form Cov	<u>er Sheet</u>		
	the Honorable Commissioner of Pa iments.	tents and Tra	demarks. I	Please record t	he attached
Paul J. G	Name of conveying party(ies): I L. Hermonat erald Quirk In Bishop		Universit 2404 Nor	d of Trustees o y of Arkansa <u>s</u> th University A ck, AR 72207-3	Ave.
	Additional names of conveying par X_NOYES	ty(ies) attached	?		
3.	Nature of Conveyance: X AssignmentMergerSecurity AgreementChange of NameOTHER	Additional n	ames & addre X NO	esses attached? _YES	
	Execution Date(s): March 20, 1997	, March 1, 1997	& April 14,	2000	
4.	Application number(s) or patent nu Additional numbers attached? $\underline{\mathbf{X}}$ N		4,877		
5.	Name and address of party to whom document should be mailed: Name: Dr. Benjamin Adler McGREGOR & ADLER, LLP	Addı 8011		,	
6.	Total number of applications and pa	tents involved:	<u>1</u>		
7. depo	Total Fee (37 CFR 3.41):\$40 sit account).00 <u>X</u> e	ncloseda	authorized to	charge
8. acco	Deposit Account number:unt)	(duplica	ate copy atta	sched if paying	by deposit
<u>Ben</u> j	Statement and signature. To the best of my knowled ect and any attached copy is a true coption in the control of the control			g information	is true and
	e of person signing	Bignature Total number of p	pages comprising co	Date ver sheet: 1	
07/14/2000 ASCOTT 00 01 FC:581	0000155 09004877 40.00 BP				

PATENT

REEL: 010912 FRAME: 0613

ASSIGNMENT

WHEREAS, Paul L. Hermonat, of 1812 Reservoir Rd., Apt. 143, Little Rock, AR 72227, (hereinafter collectively called "ASSIGNOR"), is inventor and owner of certain new and useful improvements in A Method of Human Therapy Using Wildtype Adeno-Associated Viral (AAV) Vector, an application for United States Letters Patent as filed January 9, 1998 as United States Serial No. 09/004,877.

WHEREAS, The Board of Trustees of the University of Arkansas System, of 2404 North University Avenue, Little Rock, AR 72207-3608, (hereinafter called "ASSIGNEE"), is desirous of acquiring, and ASSIGNOR are desirous of assigning to ASSIGNEE, all right, title and interest in and to said invention and application identified above.

NOW, THEREFORE, ASSIGNOR, for and in consideration of Ten Dollars (\$10.00) to us in hand paid, and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, hereby sell, assign and convey upon ASSIGNEE and its successors assigns the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent this assignment signed by me, including application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions o r improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

And I do further covenant and agree that I will, at any time upon request, communicate to the Assignee, its successors, assigns or other legal representative, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same

the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested, without further compensation but at the expense of said Assignee, its successors or other legal representatives.

DATE: 3/20/97 Pald Hermont

Paul L. Hermonat, Ph.D.

STATE OF Arkansas:

COUNTY OF Cleburne:

Before me this 20th day of march, 199? personally appeared Paul &. Hermonat known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public Siane Henoley

My Commission Expires: Sept. 13, 2000

ASSIGNMENT

WHEREAS, J. Gerald Quirk, of 14 Cascade Drive, Little Rock, AR 72212, (hereinafter collectively called "ASSIGNOR"), is inventor and owner of certain new and useful improvements in A Method of Human Therapy Using Wildtype Adeno-Associated Viral (AAV) Vector, an application for United States Letters Patent as filed January 9, 1998 as United States Serial No. 09/004,877.

WHEREAS, The Board of Trustees of the University of Arkansas System, of 2404 North University Avenue, Little Rock, AR 72207-3608, (hereinafter called "ASSIGNEE"), is desirous of acquiring, and ASSIGNOR are desirous of assigning to ASSIGNEE, all right, title and interest in and to said invention and application identified above.

NOW, THEREFORE, ASSIGNOR, for and in consideration of Ten Dollars (\$10.00) to us in hand paid, and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, hereby sell, assign and convey upon ASSIGNEE and its successors assigns the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for States Patent this assignment signed by me, including application, any and all United States and foreign patents, utility models, design registrations granted for any of said inventions o r improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

And I do further covenant and agree that I will, at any time upon request, communicate to the Assignee, its successors, assigns or other legal representative, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same

compensation but at the expense of said Assignee, its successors or other
legal representatives.
DATE: 3/1/91 Serald Quirk, Ph.D.
STATE OF Arkansas:
COUNTY OF Cleburne:
Before me this the day of march, 1992, personally appeared to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. Diane Hersley Notary Public
My Commission Expires: 9/13/2000

NOTARY PUBLIC - AMANSAS CLEBURNE COUNTY My Commission Expires: 09-13-2000

in any interference or other litigation when requested, without further

ASSIGNMENT

WHEREAS, **Brian Bishop**, of 2622 Wildwood Drive, Harrison, AR 72601, (hereinafter collectively called "ASSIGNOR"), is inventor and owner of certain new and useful improvements in *A Method of Human Therapy Using Wildtype Adeno-Associated Viral (AAV) Vector*, an application for United States Letters Patent as filed January 9, 1998 as United States Serial No. 09/004,877.

WHEREAS, The Board of Trustees of the University of Arkansas, of 2404 North University Avenue, Little Rock, AR 72207-3608, (hereinafter called "ASSIGNEE"), is desirous of acquiring, and ASSIGNOR is desirous of assigning to ASSIGNEE, all right, title and interest in and to said invention and application identified above.

NOW, THEREFORE, ASSIGNOR, for and in consideration of Ten Dollars (\$10.00) to me in hand paid, and for other good and valuable consideration as defined and outlined in the policies of the Board of Trustees of the University of Arkansas and, in particular Board policy 210.1, Patent and Copyright Policy, the receipt of all of which is hereby acknowledged, does hereby sell, assign and convey upon ASSIGNEE and its successors the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the ASSIGNEE to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the ASSIGNEE may reasonably request to effectuate fully this assignment.

And I do further covenant and agree that I will, at any time upon request, communicate to the ASSIGNEE, its successors, assigns or other legal representative, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested, without further compensation but at the expense of said ASSIGNEE, its successors or other legal representatives.

DATE: 4/14/00

Brian Bishop

STATE OF arkansas:
COUNTY OF Boone:

Brian Buliop Before me this // day of // 2000, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public Walter & Dock

My Commission Expires: 12.05.2005



RECORDED: 06/09/2000