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1. Na	ame of conveying party(ies):	2. N	ame and address o	of receiving	ng party(ies)	
Ge	eorges Natsoulis	N	ame: Avigen, Inc.			
Addition	nal name(s) of conveying party(ies) attached? Yes No	In	ternal Address:			
		_				
3. Na	ature of conveyance:] _				
×	Assignment	s	treet Address: 120	01 Harbor	Bay Parkway, Suite 1000	
	Security Agreement	_				
	Other	С	ity: Alameda		State: <u>CA</u> ZIP: <u>94502</u>	
Execut	tion Date: September 29, 1998	A	dditional names(s) &	address(e	s) attached? Yes 🗖 No x	
4. Application number(s) or patent number(s):						
lf t	If this document is being filed together with a new application, the execution date of the application is:					
Α.	Patent Application No.(s)	В	. Patent No.(s)			
	09/107,708					
Additional numbers attached? ☐ Yes ☑ No						
	ame and address of party to whom correspondence oncerning document should be mailed:	6. T	otal number of app	olications	and patents involved: 1	
Na	ame: Barton W. Giddings, MADSON & METCALF	7. T	otal fee (37 CFR 3	3.41)	\$40.00	
Int	ternal Address:	[X	Enclosed			
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	Barton W. Giddings Sauto Name of Person Signing	Signal	ture		October 13, 1998 Date	
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Washington, D.C. 20231

ASSIGNMENT

Docket No.: 2555.2.4

I, Georges Natsoulis of 479 Valley St Sau Fraueriseo

California, have invented, along with Peter Colosi and Gary Kurtzman, a method and apparatus entitled HIGH-EFFICIENCY AAV HELPER FUNCTIONS, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in United States patent application Serial No. 09/107,708, filed June 30, 1998, and now identified as File No. 2555.2.4 of the law firm of Madson & Metcalf, 950 Wells Fargo Plaza, 170 South Main Street, Salt Lake City, Utah 84101.

The Assignee, Avigen, Inc., a corporation of the State of Delaware, having a principal place of business at 1201 Harbor Bay Parkway, Suite 1000, Alameda, California 94502, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention, in the aboveidentified United States patent application and in all divisions, continuations and continuations-in-part of said application, all previously filed provisional applications for which the present application seeks the benefit of an earlier filing date under 35 U.S.C. § 120, all reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

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PATENT REEL: 9520 FRAME: 0366

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

Witness: The Scientist II

RECORDED: 10/16/1998