

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Avigen, Inc.	09/25/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Genzyme Corporation
<b>Street Address:</b>	15 Pleasant Street Connector
<b>City:</b>	Framingham
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01701-9322
<b>PROPERTY NUMBERS Total: 14</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	5622856
Application Number:	08688648
Patent Number:	6376237
Patent Number:	6001650
Application Number:	09590867
Application Number:	10631403
Patent Number:	6365403
Patent Number:	7037713
Application Number:	10026389
Patent Number:	6027931
Application Number:	11283357
Application Number:	11222108
PCT Number:	US9612751
PCT Number:	US9915159
<b>CORRESPONDENCE DATA</b>	

**CH \$560.00 5622856**

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ATTORNEY DOCKET NUMBER:

1001

NAME OF SUBMITTER:

Taryn Antalek

**Total Attachments: 3**

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## ACKNOWLEDGEMENT OF ASSIGNMENT

Avigen, Inc., a Delaware corporation ("Avigen") was heretofore the owner of the entire right, title and interest in and to the following:

- 1) "High efficiency helper system for AAV vector production" filed on August 3, 1995 in the United States Patent and Trademark Office having Serial No. 08/510/790; now issued as United States Letter Patent No. 5,622,856 on April 22, 1997;
- 2) "High efficiency helper system for AAV vector production" filed on July 29, 1996 in the United States Patent and Trademark Office having Serial No. 08/688,648; now abandoned;
- 3) "High efficiency wild-type-free AAV helper functions" filed on November 29, 1999 in the United States Patent and Trademark Office having Serial No. 09/450,083; now issued as United States Letter Patent No. 6,376,237 on April 23, 2002;
- 4) "High efficiency wild-type-free AAV helper functions" filed on August 28, 1998 in the United States Patent and Trademark Office having Serial No. 09/143/270; now issued as United States Letter Patent No. 6,001,650 on December 14, 1999;
- 5) "High efficiency helper system for AAV vector production" filed on June 9, 2000 in the United States Patent and Trademark Office having Serial No. 09/590,867; now abandoned;
- 6) "High-efficiency AAV helper functions" filed on July 30, 2003 in the United States Patent and Trademark Office having Serial No. 10/631,403; now abandoned;
- 7) "High-efficiency AAV helper functions" filed on November 29, 1999 in the United States Patent and Trademark Office having Serial No. 09/449,581; now issued as United States Letter Patent No. 6,365,403 on April 2, 2002;
- 8) "High efficiency wild-type-free AAV helper functions" filed on February 11, 2002 in the United States Patent and Trademark Office having Serial No. 10/074,302; now issued as United States Letter Patent No. 7,037,713 on May 2, 2006;
- 9) "High efficiency AAV helper functions" filed on December 18, 2001 in the United States Patent and Trademark Office having Serial No. 10/026,389; now abandoned;
- 10) "High efficiency AA V helper functions" filed on June 30, 1998 in the United States Patent and Trademark Office having Serial No. 09/107,708; now issued as United States Letter Patent No. 6,027,931 on February 22, 2000;
- 11) "High-efficiency wild-type-free AAV helper functions" filed on November 18, 2005 in the United States Patent and Trademark Office having Serial No. 11/283,357; pending;
- 12) "High-efficiency AAV helper functions" filed on September 8, 2005 in the United States Patent and Trademark Office, having Serial No. 11/222,108; now abandoned;
- 13) "High efficiency helper system for AAV vector production" filed on August 1, 1996 according to the Patent Cooperation Treaty as Serial No. PCT/US96/12751; now abandoned;

14) "High-efficiency AAV helper functions" filed on June 30, 1999 according to the Patent Cooperation Treaty as Serial No. PCT/US99/15159; now abandoned;

15) "High efficiency helper system for AAV vector production" filed August 1, 1996 in the European Patent Office having Serial No. 96932925.9; now issued as European Patent No. 0842287 on February 4, 2004;

16) "High efficiency helper system for AAV vector production" filed on August 1, 1996 in the Canadian Patent Office having Serial No. 2,228,269; pending;

17) "High efficiency helper system for AAV vector production" filed on August 1, 1996 in the Japanese Patent Office having Serial No. 9508599; now issued as Japanese Patent No. 3943594 on April 13, 2007;

18) "High efficiency helper system for AAV vector production" filed on August 1, 1996 in the Japanese Patent Office having Serial No. 2006-152816; now abandoned;

19) "High efficiency helper system for AAV vector production" filed on August 1, 1996 in the European Patent Office having Serial No. 03017446.0; pending;

(together with all other patent applications claiming priority thereto, patents issuing in any of the foregoing and all re-examinations, re-issues and extensions thereof, the "Assigned Patents").

By prior assignment pursuant to that certain Assignment Agreement executed between Avigen and Genzyme Corporation, a Massachusetts corporation ("Genzyme") on December 19, 2005 ("Avigen-Genzyme Assignment Agreement"), Avigen transferred, assigned, and conveyed to Genzyme, the entire right, title and interest in and to the Assigned Patents, subject to Avigen's rights under the Avigen-Genzyme Assignment Agreement (including without limitation rights to payments and reversionary rights that under certain circumstances cause the entire right, title, and interest in and to the Assigned Patents to revert to Avigen all more fully described in the Avigen-Genzyme Assignment Agreement).

NOW THEREFORE, Avigen hereby acknowledges that pursuant to and subject to the terms and conditions of the Avigen-Genzyme Assignment Agreement, it has heretofore transferred, assigned and conveyed to Genzyme the entire right, title and interest to the Assigned Patents, subject to Avigen's rights described above.

Avigen hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and all of foreign countries to issue any Letters Patent granted among the Assigned Patents (whether on the foregoing explicitly identified by number applications or on any subsequently filed division, continuation, continuation in part, reexamination or reissue application), to Genzyme, its successors and assigns.

IN TESTIMONY WHEREOF, the undersigned has executed this instrument on the 25 day of September 2007.

By: M. Christina Thomson

Print name: \_\_\_\_\_

Title: M. CHRISTINA THOMSON  
VICE PRESIDENT,  
CORPORATE COUNSEL

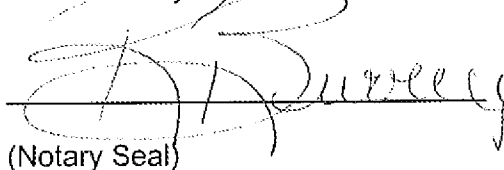
State of CALIFORNIA )

ss.

County of ALAMEDA )

On 9/25/07 before me, RINA BURRELL personally appeared MARY CHRISTINA THOMPSON personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is (are) subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

 (Notary signature)  
(Notary Seal)

