1. Name of conveying party(ies):

James G. Barsoum

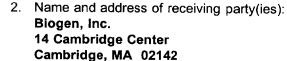
Additional name(s) attached?

Yes No

3. Nature of conveyance:

- - Assignment
 - □ Merger
 - ☐ Security Agreement
 - ☐ Change of Name
 - □ Other:

Execution Date: August 5, 1999



Additional names/addresses attached?

☐ Yes ■ No

4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

09/329,368

B. Patent No.(s):

Additional numbers attached? ☐ Yes ■ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Janis K. Fraser Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804

- 6. Total number of applications/patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40
 - Enclosed
 - ☐ Authorized to charge deposit account

8. Deposit account number: 06-1050 If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Eldora L. Ellison, Reg. No. 39,967

Signature

August 31, 1999

09/02/1999 TLUU11 00000007 09329368

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 2

06 FC:581

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ASSIGNMENT

For valuable consideration, I, James G. Barsoum, of Lexington, Massachusetts hereby assign to Biogen, a Massachusetts corporation having a place of business at 14 Cambridge Center, Cambridge, MA 02142, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in the inventions and improvements, which are subject of an application for United States Patent signed by me, entitled COMPLEMENT-RESISTANT NON-MAMMALIAN DNA VIRUSES AND USES THEREOF, filed June 10, 1999, and assigned U.S. Serial Number 09/329,368, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for ourselves and our 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. IN WITNESS WHEREOF, I hereto set my hand and seal at ______ Cansolye day of _______, 19 5) L.S. STATE OF COUNTY OF MAIDDLESEX Before me this 5th day of <u>Purost</u>, 19<u>99</u>, personally appeared James G. Barsoum known to me to be the person whose name is subscribed to the foregoing Assignment,

Lindas Shumaker

My Commission Expires:

and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein

[Notary's Seal Here]

contained.

PATENT REEL: 010209 FRAME: 0070