

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Victor KOTELIANSKI	07/18/2001
Antonin DE FOUGEROLLES	07/17/2001
John CARULLI	07/24/2001
Catherine HESSION	07/19/2001

**RECEIVING PARTY DATA**

Name:	Biogen Inc.
Street Address:	14 Cambridge Center
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02412

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11943501

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	2159.0960007/EKS/PAC
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NAME OF SUBMITTER:	Paul A. Calvo
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Total Attachments: 3  
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**PATENT**  
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## ASSIGNMENT

I, Victor Kotelianski, Antonin de Fougérolles, John Carulli and Catherine Hession, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to Biogen, Inc., a Massachusetts Corporation, with 14 Cambridge Center, Cambridge, MA 02412 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **NOVEL POLYNUCLEOTIDES EXPRESSED IN ACTIVATED T-LYMPHOCYTES AND PROTEINS ENCODED THEREBY**

filed with the U.S. Patent and Trademark Office on August 30, 2000 and assigned Serial No. 09/651,200, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

*lip*  
Date: July 18, 2001  
~~COMMONWEALTH~~  
State of MASSACHUSETTS

*V. Kotelianski*  
Signature of: **Victor Kotelianski**

*lip*  
Country of MIDDLESEX, SS  
County

Subscribed and sworn to before me this 18<sup>th</sup> day of JULY, 2001.

*Synda J. Shumaker*  
Notary Public

My commission expires 08/03/01.

*lip*  
Date: July 17, 2001  
~~COMMONWEALTH~~  
State of MASSACHUSETTS

*Antonin de Fougereolles*  
Signature of: **Antonin de Fougereolles**

*lip*  
Country of MIDDLESEX, SS.  
County

Subscribed and sworn to before me this 17<sup>th</sup> day of JULY, 2001.

*Synda J. Shumaker*  
Notary Public

My commission expires 08/03/01.

Date: 7/24/01

John Carulli  
Signature of: John Carulli

*4/8*  
COMMONWEALTH

State of MASSACHUSETTS

*9/8* Country of MIDDLESEX, S.S.

*9/8* County

Subscribed and sworn to before me this 24<sup>th</sup> day of JULY, 2001.

Suzanne J. Shumaker  
Notary Public

My commission expires 08/03/01

Date: July 19, 2001

Catherine Hession  
Signature of: Catherine Hession

*1/1*  
COMMONWEALTH

State of MASSACHUSETTS

*1/1* Country of MIDDLESEX

*1/1* County

Subscribed and sworn to before me this 19<sup>th</sup> day of JULY

Suzanne J. Shumaker  
Notary Public

My commission expires 08/03/01