

MNO 11/4/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Registration of:

Otterlei et al.

Issued Patent No. 5,169,840

Issued: December 8, 1992



11-12-1999



101198500

For: **DIEQUATORIALY BOUND BETA-1, 4
POLYURONATES AND USE OF SAME FOR CYTOKINE
STIMULATION**

ASSIGNMENT SUBMITTAL
Recordation Form Cover Sheet - Patent Application (Previously Filed)

The Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Submitted herewith is an Assignment for filing in connection with the above-captioned application. The party(ies) assigning the interest is as follows:

Name(s): **Pronova Biopolymer a.s.**
And
Nobipol

The party receiving the interest (Assignee) is as follows:

Name: **FMC Biopolymer AS**
Address: **Tomtegt. 36**
N-3013 Drammen
Norway


The Assignment was executed on October 1, 1999.

The recordation fee of \$40.00 for the recordation of one (1) Assignment is submitted herewith. Please charge any additional amounts due or credit any over-payment to Deposit Account 02-2666.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Correspondence concerning this document should be mailed to the undersigned.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

By: 
Eric S. Hyman:
Reg. No. 30,139

Dated: 10/24/99

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025

11/10/1999 VBRDWN 00000010 5169840
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ASSIGNMENT

The undersigned,

Pronova Biopolymer a.s, Tomtegt. 36, N-3013 Drammen, Norway

hereby declares to have assigned its rights to the invention:

"Diequatorally bound β -1, 4-polyuronates and use of same for cytokine stimulation"

jointly owned by:

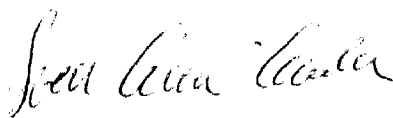
Pronova Biopolymer a.s and
Tomtegt. 36
N-3013 Drammen
Norway

Nobipol
Sem Sælandsv. 6/8
N-7034 NTH Trondheim
Norway

for which a priority patent application was filed in the USA on 27 March 1991, Serial No. 07/676,103, and all applications filed and patents granted based on this invention as appears in Annex I, to

FMC Biopolymer AS
Tomtegt. 36
N-3013 Drammen
Norway

Lysaker, 1 October 1999



Sven Arild Andersen
President

for Pronova a.s

Master List By Case Number

4. oktober 1999

Case Number	Cost Unit	Attorney	Disclosure Status	Title	Inventors				
P91072	PO27/PO	EDS ELS	Open	DIEQUATORIALY BOUND BETA-1, 4-POLYURONATES AND USE OF SAME FOR CYTOKINE STIMULATION	Espevik, Terje Otterlei, Marit Skjåk-Bræk, Gudmund Smidsrød, Olav				
Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
AT Abandoned	ORD	92302499.6		0506326					
BE Abandoned	ORD	92302499.6		0506326					
CH Abandoned	ORD	92302499.6		0506326					
DE Granted	ORD	92302499.6	24-mar-1992	69216888.5			24-mar-2012	GB01	
DK Abandoned	ORD	92302499.6		0506326					
EP Granted	ORD	92302499.6		0506326			22-apr-1997		
FR Granted	ORD	92302499.6	24-mar-1992	0506326			24-mar-2012	GB01	
GB Granted	ORD	92302499.6	24-mar-1992	0506326			24-mar-2012	GB01	
IT Granted	ORD	92302499.6	24-mar-1992	0506326			24-mar-2012	GB01	
JP Pending	ORD	04-071716	27-mar-1992					JP01	
NL Abandoned	ORD	92302499.6		0506326					
SE Abandoned	ORD	92302499.6		0506326					
US Granted	ORD	07/676103	27-mar-1991	5169840			27-mar-2011	US13	