

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CATHERINE TAYLOR	12/18/2009
KURT INGAR DRAGET	12/21/2009
OLAV ASMUND SMIDSROD	12/21/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NTNU TECHNOLOGY TRANSFER AS
<b>Street Address:</b>	KLAEBUVEIEN 153
<b>City:</b>	TRONDHEIM
<b>State/Country:</b>	NORWAY
<b>Postal Code:</b>	N-7491
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12595818
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	949-760-0404
<b>Email:</b>	EFILING@KMOB.COM
<b>Correspondent Name:</b>	KNOBBE MARTENS OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	FDEHN19.004APC
<b>NAME OF SUBMITTER:</b>	Raymond D. Smith (Reg. No. 55,634)

CH \$40.00 12595818

Total Attachments: 4  
 source=assign-fdehn#page1.tif

**501085259**

**PATENT  
 REEL: 023898 FRAME: 0484**

source=assign-fdehn#page2.tif  
source=assign-fdehn#page3.tif  
source=assign-fdehn#page4.tif

Application No.: 12/595,818  
Filing Date: October 13, 2009

PATENT  
Client Code: FDEHN19.004APC  
Page 1

### ASSIGNMENT

WHEREAS, We, CATHERINE TAYLOR, a British citizen, with an address c/o NTNU Technology Transfer AS, Klæbuveien 153, Trondheim N-7491 Norway; KURT INGAR DRAGET, a Norwegian citizen, with an address c/o NTNU Technology Transfer AS, Klæbuveien 153, Trondheim N-7491 Norway; and OLAV ASMUND SMIDSRØD, a Norwegian citizen, with an address c/o NTNU Technology Transfer AS, Klæbuveien 153, Trondheim N-7491 Norway, have invented certain new and useful improvements in a OLIGO-GULURONATE AND GALACTURONATE COMPOSITIONS for which we have filed an application for Letters Patent in the United States, Application No. 12/595,818, Filed on October 13, 2009;

AND WHEREAS, NTNU TECHNOLOGY TRANSFER AS (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at Klæbuveien 153, Trondheim N-7491 Norway, desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, In consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application including all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under international Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Application No.: 12/595,818  
Filing Date: October 13, 2009

PATENT  
Client Code: FDEHN19.004APC  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of  
December, 2009.

Catherine Taylor  
CATHERINE TAYLOR

Yrr March  
Witness Signature  
YRR MARCH  
Witness Printed Name

Application No.: 12/595,818  
Filing Date: October 13, 2009

PATENT  
Client Code: FDEHN19.004APC  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of December, 2009.

Kurt Ingar Draget 8  
KURT INGAR DRAGET

Kari Smidsrød  
Witness Signature

KARI SMIDSRØD  
Witness Printed Name

Application No.: 12/595,818  
Filing Date: October 13, 2009

PATENT  
Client Code: FDEHN19.004APC  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of December, 2009.

Olav Smidsrød  
OLAV ASMUND SMIDSRØD

Kari Smidsrød  
Witness Signature  
KARI SMIDSRØD  
Witness Printed Name

7948911  
101309