

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jacob Mathiesen</td> <td>06/03/2013</td> </tr> <tr> <td>Carsten M. Nielsen</td> <td>06/06/2013</td> </tr> <tr> <td>Peder M. Olsen</td> <td>05/31/2013</td> </tr> <tr> <td>Poul E. Bertelsen</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jacob Mathiesen	06/03/2013	Carsten M. Nielsen	06/06/2013	Peder M. Olsen	05/31/2013	Poul E. Bertelsen	06/06/2013
Name	Execution Date										
Jacob Mathiesen	06/03/2013										
Carsten M. Nielsen	06/06/2013										
Peder M. Olsen	05/31/2013										
Poul E. Bertelsen	06/06/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Takeda Nycomed AS</td> </tr> <tr> <td>Street Address:</td> <td>Drammensveien 852</td> </tr> <tr> <td>City:</td> <td>Asker NO-1385</td> </tr> <tr> <td>State/Country:</td> <td>NORWAY</td> </tr> </table>		Name:	Takeda Nycomed AS	Street Address:	Drammensveien 852	City:	Asker NO-1385	State/Country:	NORWAY		
Name:	Takeda Nycomed AS										
Street Address:	Drammensveien 852										
City:	Asker NO-1385										
State/Country:	NORWAY										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13627691</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13627691						
Property Type	Number										
Application Number:	13627691										
CORRESPONDENCE DATA											
Fax Number: 6172274420 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-239-0100 Email: lmarcus@edwardswildman.com Correspondent Name: Edwards Wildman Palmer LLP Address Line 1: P.O. Box 55874 Address Line 4: Boston, MASSACHUSETTS 02205											
ATTORNEY DOCKET NUMBER:	66738DIV(45579)										
NAME OF SUBMITTER:	Christine C. O'Day										
Signature:	/Christine C. O'Day/										
Date:	06/27/2013										

CH \$40.00 13627691

**Total Attachments: 7**

source=66738DIV\_Assignment#page1.tif

source=66738DIV\_Assignment#page2.tif

source=66738DIV\_Assignment#page3.tif

source=66738DIV\_Assignment#page4.tif

source=66738DIV\_Assignment#page5.tif

source=66738DIV\_Assignment#page6.tif

source=66738DIV\_Assignment#page7.tif

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by Jacob Mathiesen; Carsten M. Nielsen; Peder M. Olsen; and Poul E. Bertelsen (hereinafter referred to as Assignors), residing at Rorholmsgade 23, DK-9500 Hobro, DENMARK; Vandtarnsvej 20, DK-2860 Soborg, DENMARK; Lindevej 5, DK-4070 Kirke Hyllinge, DENMARK; and Joensuuevej 120 B, DK-4000 Roskilde, DENMARK, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in PARTICULATE COMPRISING A CALCIUM-CONTAINING COMPOUND AND A SUGAR ALCOHOL, set forth in a Patent application for Letters Patent of the United States, already filed on September 26, 2012 as U.S. Application No. 13/627,691; and

**WHEREAS**, Takeda Nycomed AS, a Corporation organized under and pursuant to the laws of Norway having its principal place of business at Drammensveien 852, Asker NO-1385, NORWAY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

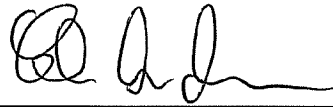
**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS WILDMAN PALMER LLP

All practitioners at Customer Number 21874

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.



Carsten M. Nielsen

Date: 06.06. 2013

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came Carsten M. Nielsen, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

  
\_\_\_\_\_  
Jacob Mathiesen

Date: 03-06-2013

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came \_\_\_\_\_ Jacob Mathiesen \_\_\_\_\_, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public



Peder M. Olsen

Date: 31-05-2013

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came \_\_\_\_\_ Peder M. Olsen \_\_\_\_\_, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public





Poul E. Bertelsen

Date: 06-06-2013

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came Poul E. Bertelsen, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public