

01-25-2001



FORM PTO-1595(modified) RECORDA

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U.S. Department of Commerce  
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):  
Novo Nordisk A/S  
Additional name(s) of conveying party(ies) attached?  yes  no

2. Name and address of receiving party(ies)  
Name: Novozymes A/S  
Internal Address: \_\_\_\_\_

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Effective Date: December 4, 2000

Street Address: Krogshøjvej 36  
City: Bagsvaerd Country: Denmark ZIP: DK-2880  
Additional name(s) & address(es) 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) B. Patent No.(s)  
U. S. Patent No. 6,132,982  
Additional numbers attached:  yes  no

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Mary E. Bak, Esquire  
Howson and Howson  
Internal Address: \_\_\_\_\_  
Street Address: Spring House Corporate Center,  
Box 457  
City: Spring House State: PA Zip: 19477

6. Total number of applications and Patents involved:..... 1  
7. Total fee (37 CFR 3.41).....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
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08-3040  
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9. Statement and signature  
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.  
Mary E. Bak Mary E. Bak Jan 8, 2001  
Name of Person Signing Signature Date  
Total number of pages, including cover sheet, attachments, and document: 5

Mail documents to be recorded with required coversheet information to:  
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Washington, DC 20231

01/24/2001 6TOM11 00000309 6132982

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PATENT  
REEL: 011442 FRAME: 0475

## ASSIGNMENT

WHEREAS, **NOVO NORDISK A/S**, a corporation organized and existing under the laws of Denmark, and having a principal place of business at Novo Allé, Bagsvaerd, Denmark DK-2880, is the owner of all right, title and interest, for the territory of the United States of America, in and to all inventions and improvements disclosed and claimed in **United States Patent No. 6,132,982**, issued **October 17, 2000**, entitled ***OLIGOSACCHARIDE AMINO ALDITOLS AND ASSAY METHOD***, and in, to and under any reissues, reexaminations or extensions of said Letters Patent, by virtue of an assignment recorded at the United States Patent and Trademark Office on **August 14, 1998** on Reel **9387** and Frame **0198**, and

WHEREAS, **NOVOZYMES A/S**, a corporation organized and existing under the laws of Denmark, and having a principal place of business at Krogshøjvej 36, DK-2880 Bagsvaerd, Denmark, is desirous of acquiring the entire right, title and interest in and to and under said Letters Patent in the territory of the United States of America:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, **NOVO NORDISK A/S** has assigned, sold and transferred to, and does hereby assign, sell and transfer to **NOVOZYMES A/S**, its successors, assigns, nominees or legal representatives, the entire right, title and interest in and to all inventions and improvements disclosed and claimed in said **United States Patent No. 6,132,982** and any and all reissues, reexaminations, or extensions of said Letters Patent.

**NOVO NORDISK A/S** hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed and will not execute any agreement in conflict herewith, and further covenants and agrees that it will without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, and said Letters Patent.

IN WITNESS WHEREOF, this Assignment has been executed this

4 day of December, 2000.

**NOVO NORDISK A/S**

By



Name: Kåre Schultz

Title: Executive Vice President

By



Name: Mads Krogsgaard Thomsen

Title: Executive Vice President