

FORM PTO-1595
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OMB No. 0651-0011 (exp 4/94)

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Hon. 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: Novo Nordisk HealthCare A/G
Internal Address

Street Address: Andreasstrasse 15, CH-8050 Zurich,
Switzerland

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 01/27/05

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No. 09/522,694 B. Patent No. 6451987

Additional numbers attached? Yes No

5. Name and address of the party to whom correspondence concerning document should be mailed:
Name: Reza Green, Esq.

Internal Address:
Novo Nordisk® Inc.

Street Address: 100 College Road West

City: Princeton State: NJ Zip 08540

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41)\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number
14-1447

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

Reza Green, Reg. No. 38,475 February 11, 2005
Name of person signing Signature Date

Total number of pages including cover sheet, attachment, document: 3

CH \$40.00 141447 09522694

AFFIRMATION OF ASSIGNMENT

WHEREAS: Novo Nordisk A/S, a corporation organized under the laws of Denmark, located at Novo Alle, DK-2880 Bagsvaerd, Denmark (hereinafter ASSIGNOR) has assigned, by the Research and Development Agreement dated 1 January 2002 ("the Agreement") its entire right and title to and interest in certain intellectual property rights relating to Factor VII, and wishes to register the transfer of ownership and/or control of these intellectual property rights to Novo Nordisk Health Care AG, and

WHEREAS: Novo Nordisk Health Care AG, a Swiss corporation, located at Andreasstrasse 15, CH-8050 Zurich, Switzerland (hereinafter ASSIGNEE) has acquired and wishes to affirm, perfect, and make of record its entire right, title and interest in, to and under said intellectual property rights throughout the world.

NOW, THEREFORE, pursuant to the Agreement in general and in particular pursuant to Article 10 thereof, and further in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR affirms that it has sold, assigned, transferred and conveyed to ASSIGNEE, its successors, legal representatives and assigns to the extent owned by the ASSIGNOR, the full and exclusive rights, titles and interests in and to said intellectual property rights, including, but not limited to, the patents and patent applications listed in Exhibit A hereto, and the inventions contained therein and any and all patents and patent applications containing said inventions including selection patents, continuations, continuations-in-part, divisionals, reissues, re-examinations, renewals, or extensions thereof or any legal equivalent thereof which have been or may be filed in any country for the full term or terms for which the same may be granted. To the extent that the Agreement does not expressly assign any of the foregoing subject matter, this document is intended to serve as a confirmation of said assignment. Extensions shall include: (a) extensions under U.S. Patent Term Restoration Act; (b) extensions under Japanese Patent Law; (c) Supplementary Protection Certifications for members of the European Patent Convention and other countries in the European Economic Area, and (d) similar extensions under applicable law anywhere in the world.

SAID ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent from any such applications and/or for any said invention to the ASSIGNEE, or, for any Licensed Patent already issued, to make ASSIGNEE the owner and holder of title of record, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns.

AND SAID ASSIGNOR hereby further covenants and agrees that it will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns,

communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to ASSIGNOR respecting any said Licensed Patent or invention contained therein, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to any said Licensed Patent or invention in the ASSIGNEE, its successors, legal representatives and assigns, and that if any further patent application based on any one or more of the said Licensed Patents or inventions shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, ASSIGNOR will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such necessary or desirable papers and do all lawful acts requisite for the filing and procurement of a patent based on said application, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said Licensed Patents or Inventions in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Lise Kingo Jensen

2005-01-27

Novo Nordisk A/S
Lise Kingo Jensen,
Executive Vice President

Date

Lars Alnblom Jørgensen

2005-01-27

Novo Nordisk A/S
Lars Alnblom Jørgensen,
Executive Vice President

Date

/Lake

Exhibit A

Novo Nordisk Docket #	Application Serial #	Patent #
3000.220	07/666423	5180583
5261.200	09/145440	6310183
5261.210	10/025032	6833352
5298.200	09/118748	6268163
5298.210	08/372888	6461610
5298.220	10/237510	
5565.204	08/658027	6329176
5565.214	10/044426	
5594.200	08/638590	6586574
5784.200	09/522694	6451987
5784.210	09/671461	
5994.604	10/051044	
6175.200	09/849107	
6193.204	10/271278	
6194.204	10/271926	
6207.510	09/969357	
6207.520	10/725843	
6224.200	09/951121	
6224.210	10/295662	
6240.200	10/104087	
6281.504	10/394085	
6286.200	10/108498	
6290.204	10/388471	
6328.504	10/283751	
6333.504	10/394086	
6334.200	10/200473	
6357.200	10/255032	
6361.200	10/196902	
6410.200	10/281727	
6419.200	10/290814	
6425.200	10/295970	
6426.200	10/287195	
6428.200	10/290591	
6429.200	10/290686	
6430.200	10/290684	
6431.210	10/691813	
6432.200	10/291266	
6433.200	10/287084	
6434.200	10/287121	
6436.204	10/437674	
6437.204	10/437522	
6467.504	10/292644	
6476.204	10/609780	
6494.200	10/438643	
6494.210	10/743621	
6527.204	10/609701	
6544.200	10/669537	
6762.200	10/993906	