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RECORDATION FORM COVER SHEET  
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

03/29/99 11:53  
CFR/FINANCE

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

1. Name of conveying party(ies):

Poul Jacobsen  
Svend Treppendahl  
Paul Stanley Bury  
Anders Kanstrup  
Lise Brown Christiansen

Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies):

Name: Novo Nordisk A/S  
Internal Address:  
Street Address: Novo Alle  
DK-2880 Bagsvaerd, Denmark

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

3. Nature of conveyance:

- Assignment [ ] Merger
- [ ] Security Agreement [ ] Change of Name
- [ ] Other \_\_\_\_\_

Execution Date: 11/5/97, 11/25/97, 12/3/97, 12/5/97

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.(s) 08/957,824

B. Patent No.(s)

Additional numbers attached? [ ] Yes [x] No

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

Name: Steve T. Zelson, Esq.

Internal Address:

Novo Nordisk of North America, Inc.

Street Address: 405 Lexington Avenue,  
Suite 6400

City: New York State: NY Zip: 10174-6401

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)

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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.

Carol E. Rozek  
Name of Person Signing

Carol E. Rozek  
Signature

March 19, 1999  
Date

Total number of pages including cover sheet, attachments, and document: 3

**ASSIGNMENT OF APPLICATION FOR PATENT**

## WHEREAS:

Poul Jacobsen, a citizen of Denmark, residing at Morænevej 2A, DK-3550 Slangerup, Denmark;

Svend Treppendahl, a citizen of Denmark, residing at Frederiksdalsvej 221, DK-2830 Virum, Denmark;

Paul Stanley Bury, a citizen of Britain, residing at Hjortholms Allé 48, DK-2400 København NV, Denmark;

Anders Kanstrup, a citizen of Denmark, residing at Fredskovvej 7C, DK-3060 Espergærde, Denmark; and

Lise Brown Christiansen, a citizen of Denmark, residing at Sophus Schandorphs Vej 4, DK-2800 Lyngby, Denmark

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

**Novel (+)-Enantiomers of Cis-3,4-Chroman Derivatives Useful In The Prevention Or Treatment Of Estrogen Related Diseases Or Syndromes**

for which application of Letters Patent of the United States has been filed on October 27, 1997, under Serial No. To Be Assigned, and

## WHEREAS:

Novo Nordisk A/S, a corporation organized under the laws of Denmark, located at Novo Alle, DK-2880 Bagsvaerd, Denmark (hereinafter ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS 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, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive rights, titles and interests to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States

and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNORS hereby authorize and request 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 for said discovery or invention to the ASSIGNEE, 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, in accordance with the terms of this instrument.

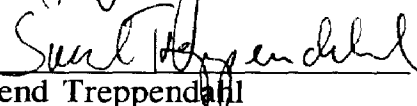
SAID ASSIGNORS hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNORS hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that we 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 us respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, we 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 disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Date: 05-NOV-97

  
Poul Jacobsen

Date: 05-Dec-1997

  
Svend Treppendahl

Date: 03-DEC-1997

*PS Bury*  
Paul Stanley Bury

Date: 05-DEC-97

*AK*  
Anders Kanstrup

Date: 25-NOV-1997

*Lise B Brown Christiansen*  
Lise Brown Christiansen

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Jacobsen et al.

Serial No.: 08/957,824

Group Art Unit: 1615

Filed: October 27, 1997

Examiner: Azpuru, C.

For: Novel (+)-Enantiomers of Cis-3,4-Chroman Derivatives Useful In The Prevention Or Treatment Of Estrogen Related Diseases Or Syndromes

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

Box Assignment  
Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

I hereby certify that the attached correspondence comprising:

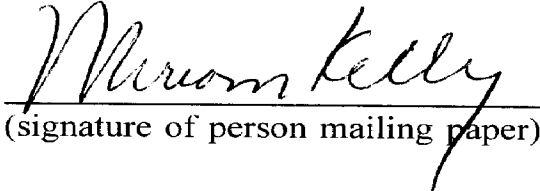
1. Recordation Form Cover Sheet
2. Executed Assignment

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks  
Washington, DC 20231

on March 19, 1999.

Miriam Kelly  
(name of person mailing paper)

  
(signature of person mailing paper)