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FORM PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101649531

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

1. Name of conveying party(ies):

Henrik Frydenlund Hansen, Frederik Beck, Leila Malik, Carsten Schou, Margit Wissenbach and Birgit Kjaeldgaard Giwercman

Additional name(s) of conveying party(ies) attached? () YES (X) NO

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

Name: **Pantheo A/S**
Street Address: **Fruebjergvej 3**
City: **Copenhagen**
State: **Denmark**

ZIP: **DK-2100**

Additional name(s) & address attached? () YES (X) NO

3. Nature of Conveyance:

- Assignment () Merger
- Security Agreement
- Change of Name
- Other:

Execution Date(s): **1/10/01 and 1/11/01**

4. Application number(s) or patent number(s): **09/689,155**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

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

Name: **Robin S. Quartin**
Internal Address: **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301

Street Address: **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
1650 Market Street
Philadelphia, Pennsylvania 19103-7301

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 Number 23-3050

8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050

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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.

Robin S. Quartin / 45,028

March 6, 2001

Date

Total number of pages including cover sheet, attachments, and document: **6**

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231**

03/26/2001 DBYRNE 00000239 09689155
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**PATENT
REEL: 011611 FRAME: 0137**

DOCKET NO.: PANT-0300

ASSIGNMENT

WHEREAS, we, **Liam Good, Henrik Frydenlund Hansen, Frederik Beck, Leila Malik, Carsten Schou, Margit Wissenbach, and Birgit Kjældgaard Giwerzman**; hereinafter referred to as the assignors, residing respectively at **Tarnvej 33 A st, DK-2610 Rodovre, Denmark; Ingemannsvej 22 3th, DK-1964 Frederiksberg C, Denmark; Engblommevej 45 st th, DK-2400 Copenhagen NV, Denmark; Mothsvej 73 Sollerod, DK-2840 Holte, Denmark; Stengade 52B 1 tv, DK-2200 Copenhagen N, Denmark and Vintervej 2, 2 st., DK-2920 Charlottenlund, Denmark** are co-inventors with **Peter E. Nielsen**, residing at **Hjortevaenget 509, DK 2980 Kokkedal, Denmark; Apt. C7, Valhallavagen 7, 17177 Stockholm, Sweden**, of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. **09/689,155**, filed **October 12, 2000**, entitled **MODIFIED PEPTIDE NUCLEIC ACID (PNA) MOLECULES**; and

WHEREAS, **Panthecho A/S** hereinafter referred to as the assignee, of **Fruebjergvej 3, DK-2100 Copenhagen, Denmark**, a corporation of **Denmark**, is desirous of acquiring our entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, our entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey our interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its

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Joint Inventors**

successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks 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 to said assignee, as assignee of our right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Liam Good

Date: _____

Witness

Henrik Frydenlund Hansen

Date: _____

Date: 11-01-01

Witness

Date: 11/1-01

Frederik Beck

Date: 10/1/01

Frederik Beck

[Signature]

Date: 10/1-01

Witness

Leila Malik

Date: 11/1-01

Leila Malik

[Signature]

Date: 11/1-01

Witness

[Signature]

Date: 11/01/01

Carsten Schou

[Signature]

Date: 11/01-01

Witness

M. Wissenbach

Date: 10.01.2001

Margit Wissenbach

[Signature]

Date: 10/1-2001

Witness

Birgit Kjældgaard Giwercman

Date: 10/1-2001

Birgit Kjældgaard Giwercman

[Signature]

Date: 10/1-01

Witness