

01-26-1999



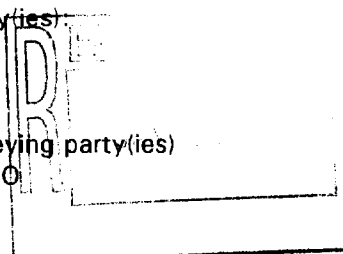
To The Honorable Commissioner of Patents and Trademarks  
thereof.

100947986

the attached original documents or copy

12-09-1998

1. Name of conveying party(ies):  
Liam Good  
Additional name(s) of conveying party(ies) attached? ( ) YES (X) NO



2. Name and address of receiving party(ies):  
Name: Peter Nielsen  
Street Address: Hjortevænget 509

3. Nature of Conveyance:  
(X) Assignment ( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:  
Execution Date(s): December 4, 1998

City: DK 2980 Kokkedal  
State Denmark ZIP  
Additional name(s) & address attached? ( ) YES (X) NO

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)  
(08/932,140)  
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: John W. Caldwell, Esq.  
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:  
One (1)  
7. Total fee (37 CFR 3.41):.....\$40.00  
(X) 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

DO NOT USE THIS SPACE

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.*  
John W. Caldwell/28,937  
Name of Person Signing/Reg. No. Signature Date  
January 18, 1999  
Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

01/26/1999 00000161 06932140  
01 FC:581 40.00 DP

**PATENT**  
**Joint Inventors**

(Pending Application;  
Serial No. Known)

DOCKET NO.: ISIS-2560

A S S I G N M E N T

WHEREAS, I, **Liam Good**, residing at **Box 5915, Apt. B5, Valhallavagen 7, 11489, Stockholm, Sweden** am a joint inventor with **Peter E. Nielsen** of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. **08/932,140**, filed **September 16, 1997**, entitled **PEPTIDE NUCLEIC ACIDS HAVING ANTIBACTERIAL ACTIVITY**; and

WHEREAS, **Peter E. Nielsen**, hereinafter referred to as the assignee, of **Hjortevanget 509, DK 2980 Kokkedal, Denmark**, is desirous of acquiring the 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 me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the 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 my name 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 me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 successors, assigns, nominees, or legal representatives, and I agree 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.

**PATENT  
Joint Inventors**

inventions or improvements in any and all countries.

AND I 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 the entire 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, I have hereunto set my hand and seal.

SIGNED at Copenhagen Denmark  
(City) (Country)  
this 4<sup>th</sup> day of December, 1998.  
Liam Good  
Liam Good

STATEMENT BY WITNESS

I, Magdalena Eriksson, whose full residence address is  
(name of witness)

Ekmansgatan 14, SE-434 33 Kungälv  
Sweden

was personally present and did see **Liam Good** execute the above assignment on the 4<sup>th</sup> day of December, 1998, and such assignor is personally known to me to be the person described in such document.

Magdalena Eriksson  
Signature of Witness