

FORM PTO-1595
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03-30-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To The Honorable Commissioner of Patents and Trademarks
thereof.

101302624

attached original documents or copy

1. Name of conveying party(ies):
Nicholas M. Dean

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

Name: SIS Pharmaceuticals, Inc.

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

Street Address: 2292 Faraday Avenue

3. Nature of Conveyance:
(X) Assignment () Merger
() Security Agreement
() Change of Name
() Other:

City: Carlsbad

State California

ZIP 92008

Execution Date(s): October 22, 1998

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

4. Application number(s) or patent number(s): 09/117,901

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: Paul K. Legaard

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

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

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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.

Paul K. Legaard/Reg. No. 38,534

Name of Person Signing/Reg. No.

Signature

February 25, 2000

Date

Total number of pages including cover sheet, attachments, and document: 5

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

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

PATENT
REEL: 010638 FRAME: 0292

(Pending Application;
Serial No. Unknown)

DOCKET NO.: ISNO-0058

A S S I G N M E N T

WHEREAS, Nicholas M. Dean, Pierre Martin and Karl-Heinz Altmann, hereinafter referred to as the assignors, residing respectively at 2110 Whisper Wind Lane, Olivenhain, California 92024; Meisenweg 38, CH-4310 Rheinfelden, Switzerland; and Tanneweg 5, CH-4153, Reinach, Switzerland, are the joint inventors of certain inventions or improvements for which they have made application for Letters Patent to the United States, identified as Case No. ISNO-0058, entitled METHOXYETHOXY OLIGONUCLEOTIDES FOR MODULATION OF PROTEIN KINASE C EXPRESSION; and

WHEREAS, ISIS Pharmaceuticals, Inc. hereinafter referred to as the assignee, of 2292 Faraday Avenue, Carlsbad CA 92008, a corporation of Delaware, 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, Nicholas M. Dean, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, my 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 me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed


PATENT
Joint Inventors

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.

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 my 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.

I further authorize and direct my attorneys to insert below* the serial number and filing date of said application now identified as Case No. **ISNO-0058** as soon as the same shall have been made known to them by the United States Patent Office.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.


_____(L.S.)
Nicholas M. Dean

PATENT
Joint Inventors

State of California:
COUNTY OF San Diego:

SS

On this 25th day of October, 1998, before me personally came the above named Nicholas M. Dean to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.



Lane B.D. Schwartz
Notary Public

*The above assignment covers application Serial No. 09/117,901, filed on January 7, 1999.

The above insertion made by me this 25 day of February, 2000

Rekl o
of WOODCOCK WASHBURN KURTZ MACKIEWICZ
& NORRIS LLP

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RECORDED: 02/28/2000

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REEL: 010638 FRAME: 0295