

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID R. ANDREWS	11/03/2004
WENXUE WU	11/05/2004
CHRISTOPHER NIELSEN	11/05/2004

RECEIVING PARTY DATA

Name:	SCHERING CORPORATION
Street Address:	2000 GALLOPING HILL ROAD
City:	KENILWORTH
State/Country:	NEW JERSEY
Postal Code:	07033

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10939740

CORRESPONDENCE DATA

Fax Number: (908)298-5388

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

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Email: sheryl.hohmann@spcorp.com

Correspondent Name: SCHERING- PLOUGH CORPORATION

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Address Line 2: MAILSTOP: K-6-1, 1990

Address Line 4: KENILWORTH, NEW JERSEY 07033

NAME OF SUBMITTER:

SHERYL HOHMANN

Total Attachments: 5

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(Joint)

PATENT CASE: CD06102US01

## ASSIGNMENT

For good and valuable consideration paid to us,

(1) David R. Andrews, (4) Sami Y. Kalliney,  
(2) Suhan Tang, (5) Anantha Sudhakar,  
(3) Wenxue Wu, (6) Christopher Nielsen,

respectively residing at

(1) Maplewood, NJ, (4) Chatham, NJ,  
(2) Plainsboro, NJ, (5) South San Francisco, CA,  
(3) Princeton Junction, NJ, (6) Westfield, NJ,

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** our entire rights, title and interest in all countries of the world in and to any and all of our inventions and discoveries described in the patent application entitled

**"Synthesis of Quinoline 5-Carboxamides Useful for the Preparation of PDE IV Inhibitors"**

and officially identified\* by the United States Patent and Trademark Office as Application Number 10/939,740 filed on September 13, 20\_04\_, and/or by the World Intellectual Property Organization as International Patent Application Number US2004/029773 filed on September 13, 20\_04\_, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further

PATENT

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documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

\*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 3 day of November, 2004.

David R. Andrews L.S.

**DAVID R. ANDREWS**

**ACKNOWLEDGEMENT**

State of New Jersey )  
County of Union ) s.s.:

On this 3<sup>rd</sup> day of November, 2004, personally appeared before me David R. Andrews to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong  
Notary Public

ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.**SUHAN TANG****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
Suhan Tang to me known, and known by me to be the same  
person described in and who executed the foregoing instrument, and acknowledged that he  
(she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
Notary PublicExecuted this 5th day of November, 2004.Wenxue Wu  
L.S.**WENXUE WU****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 5th day of November, 2004, personally appeared before me  
Wenxue Wu to me known, and known by me to be the same person  
described in and who executed the foregoing instrument, and acknowledged that he (she)  
executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong  
Notary Public**ASHLY M. ARMSTRONG****NOTARY PUBLIC OF NEW JERSEY**

Commission Expires 3/26/2008

**PATENT****REEL: 015955 FRAME: 0426**

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**SAMI Y. KALLINEY**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 \_\_\_\_\_ ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**Sami Y. Kalliney** to me known, and known by me to be the same  
 person described in and who executed the foregoing instrument, and acknowledged that he  
 (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**ANANTHA SUDHAKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 \_\_\_\_\_ ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**Anantha Sudhakar** to me known, and known by me to be the same  
 person described in and who executed the foregoing instrument, and acknowledged that he  
 (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

\_\_\_\_\_  
 Notary Public

Executed this 5<sup>th</sup> day of November, 2004.

Christopher M. Nielsen L.S.  
**CHRISTOPHER NIELSEN**

**ACKNOWLEDGEMENT**

State of New Jersey)  
County of Union) s.s.:

On this 5<sup>th</sup> day of November, 2004, personally appeared before me  
Christopher Nielsen to me known, and known by me to be the same  
person described in and who executed the foregoing instrument, and acknowledged that he  
(she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong  
Notary Public  
**ASHLY M. ARMSTRONG**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission Expires 3/26/2008