

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
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11-25-1998

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TO: The Commissioner of Patents and T

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Submission Type

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Assignment

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U.S. Government
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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Daniel M. Solomon

Execution Date
Month Day Year
5 4 98

Name (line 2)

Second Party

Name (line 1) Michael J. Grace

Execution Date
Month Day Year
5 4 98

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Schering Corporation

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 2000 Galloping Hill Road

Address (line 2)

Address (line 3) Kenilworth

New Jersey USA

07033

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="08/878,860"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT

only if a U.S. Application Number has not been assigned. PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

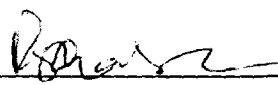
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Palaiyur Kalyanaraman  Nov. 10, 1998

Name of Person Signing Signature Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

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Address (line 3) City State/Country Zip Code

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(Joint)

ASSIGNMENT

For good and valuable consideration paid to us,
 (1) Daniel M. Solomon (2) Michael J. Grace
 (3) Jay S. Fine (4) Loretta A. Bober
 (5) _____, _____ respectively residing at
 (1) Edison, NJ (2) Hamiltown, NJ
 (3) Bloomfield, NJ (4) Linden, NJ
 (5) _____

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 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** each of our entire right, title and interest in all countries of the world in and to any and all of our inventions and discoveries in

NAPHTHYRIDINES WHICH AFFECT IL-4 AND G-CSF

as described and/or claimed in our patent application executed on

May 4, 1998 by Daniel M. Solomon
May 4, 1998 by Michael J. Grace
May 4, 1998 by Jay S. Fine
May 4, 1998 by Loretta A. Bober
 _____ by _____

and subsequently* officially identified as Application No. 08/878,860 filed on June 19, 1997,

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 issue on any of the aforesaid patent applications, 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 a 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 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 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 when officially notified thereof.

Executed this 4th day of May, 19 98.

Daniel M. Solomon
Daniel M. Solomon L.S.

Executed this 4th day of May, 19 98.

Michael J. Grace
Michael J. Grace L.S.

Executed this 4th day of May, 19 98.

Jay S. Fine
Jay S. Fine L.S.

Executed this 4th day of May, 19 98.

Loretta A. Bober
Loretta A. Bober L.S.

ACKNOWLEDGEMENT

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

On this 4th day of May, 19 98,

personally appeared before me Daniel M. Solomon
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)

JoAnn O'Dell
Notary Public

JoAnn O'Dell
Notary Public of New Jersey
My Commission Expires July 19, 2000

ACKNOWLEDGEMENT

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

On this 4th day of May, 19 98,

personally appeared before me Michael J. Grace
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)

JoAnn O'Dell
Notary Public

JoAnn O'Dell
Notary Public of New Jersey
My Commission Expires July 19, 2000

ACKNOWLEDGEMENT

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

On this 4th day of May, 1998,

personally appeared before me Jay S. Fine
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)

JoAnn O'Dell
Notary Public

JoAnn O'Dell

Notary Public of New Jersey

My Commission Expires July 19, 2000

ACKNOWLEDGEMENT

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

On this 4th day of May, 1998,

personally appeared before me Loretta A. Bober
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)

JoAnn O'Dell
Notary Public

JoAnn O'Dell

Notary Public of New Jersey

My Commission Expires July 19, 2000