

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

11-22-1999



U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101205153

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**PATENT**  
REEL: 010385 FRAME: 0410

**Correspondent Name and Address**

Area Code and Telephone Number 908-298-5068

Name Palaiyur Kalyanaraman

Address (line 1) Patent Dept. K-6-1, 1990

Address (line 2) Schering-Plough Corporation

Address (line 3) 2000 Galloping Hill Road

Address (line 4) Kenilworth, New Jersey 07033-0530

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

# 2

**Application Number(s) or Patent Number(s)**

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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)

09/413,025

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

PCT

PCT

PCT

PCT

PCT

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**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☐ Deposit Account ☒

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

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# 19-0365

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

Name of Person Signing

Palaiyur Kalyanaraman  
Signature

Nov 2, 1999  
Date

## ASSIGNMENT

PATENT CASE AL0933Q(Sole)

For good and valuable consideration paid to me, Neng-Yang Shih  
residing at North Caldwell, New Jersey 07006  
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 (hereinafter called "ASSIGNEE"), I do hereby sell, assign and transfer to said ASSIGNEE the entire right, title and interest in all countries of the world in and to any and all of my inventions and discoveries in "COMPOSITIONS AND METHOD FOR TREATING ALLERGIC DISEASES"  
as described and/or claimed in my patent application executed on 09/10/99 by me, and subsequently\* officially identified as Application No. 09/413,025 filed on 10/06/99, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in my name, 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 or 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 me if this assignment and sale had not been made.

And I hereby covenant and agree that I 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 I 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,

discoveries, or any part or parts thereof, and applications for patents of confirmat on,  
 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.

\*I hereby authorize ASSIGNEE to insert in this instrument the application number and  
 the filing date of said application when officially notified thereof.

Executed this 10 day of Sept., 1999.

Neng-Yang Shih L.S.

#### ACKNOWLEDGEMENT

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

On this 10 day of Sept, 1999

personally appeared before me Neng-Yang Shih  
 to me known, and known by me to be the same person described in and who executed the  
 foregoing instrument, and acknowledged that he or she executed the same, of his or her own  
 free will for the purpose set forth.

(Seal)

**ANNE H. LOGUE**  
 A Notary Public of New Jersey  
 My Commission Expires 9/20/2003

Anne H. Logue  
 Notary Public

Rev. 9/95 JHB