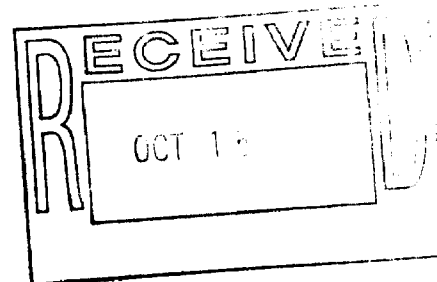


11-06-1998



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Ref.: 11589 US

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

HANS HILPERT

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

Name: F. HOFFMANN-LA ROCHE AG

Internal Address: A SWISS COMPANY

Additional name(s) of conveying party(ies) attached? ___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other

Street Address: 124 GRENZACHERSTRASSE,
CH-4070

Country: BASLE, SWITZERLAND

Execution Date: SEPTEMBER 09, 1998

Additional name(s) & address(es) attach
Yes ___ No X

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)

B. Patent No.(s)

USSN 09/153,103

FILED: SEPTEMBER 15, 1998

Additional numbers attached? ___ Yes X No

09153103

082525

00000007

00000007

01 FC:581

40.00 CH

PATENT

REEL: 9558 FRAME: 0839

5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: GEORGE W. JOHNSTON

Internal Address:

HOFFMANN-LA ROCHE INC.

PATENT LAW DEPARTMENT

Street address: 340 KINGSLAND STREET

City: NUTLEY State: NJ Zip: 07110

6. Total number of applications and patents
involved: ONE

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Authorized to be charged to deposit
account

☒ Authorized any deficiencies to be
charged to deposit account

8. Deposit account number:

08-2525

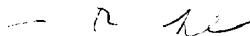
DO NOT USE THIS SPACE

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.

CATHERINE ROSEMAN SMITH

Name of Person Signing



Signature

OCTOBER 06, 1998

Date

CONTACT: Lou Ann Donatoni
TELEPHONE: (973) 235-4389
FAX: (973) 235-2363

Total number of pages including cover sheet, attachments and document: 3

Assignment

WHEREAS, I/WE

Hans Hilpert

the ASSIGNOR(S), have invented certain new and useful improvements in

PROCESS FOR MANUFACTURE OF CHIRAL SUCCINIC ACID DERIVATIVES

which are described and claimed in application for United States Letters Patent in respect of which a Declaration and Power of Attorney was executed on

September 9, 1998

which application is based upon the following foreign application(s)

in Europe on October 3, 1997 under No. 97117191.3

NOW, THEREFOR, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to me (us) in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I/we have sold, assigned and set over, and by these presents do hereby sell, assign and set over unto

F.HOFFMANN-LA ROCHE AG, a Swiss Company

of 124 Grenzacherstrasse, CH-4070 Basle (Switzerland) the Assignee

and the said Assignee's legal representatives, successors and assigns, the entire right, title and interest, in and to the said invention within the United States of America and its territories and possessions, and in and to said application and the Letters Patent of the United States of America that may be granted therefor, together with the right to extend the protection thereof to the various territories and possessions now owned or which may be acquired hereafter by the United States of America; and I/we do hereby request and authorize the Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this assignment.

UPON SAID CONSIDERATION, I/we do hereby covenant and agree with the said Assignee that I/we will not execute any writing or do any act whatsoever conflicting with these presents, and that I/we will at any time upon request without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States of America on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) at Basle, Switzerland, on

September 9, 1998.

Hans Hilpert
Hans Hilpert