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FORM PTO-1599
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AVENTIS US PAT DEPT
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NO. 9779 P. 1/7
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being transmitted via facsimile to the Commissioner of Patents, Washington, D.C. 20231, Patent and Trademark Assignment System, at (703) 306-5995, on
Date 30 March 2000

Signature Silvia A. Commisso

To the Commissioner of Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1) Gary L. Bafus
2) Christine M. Harrison-
Bowman
3) Gary Lee Silvey

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

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

Name: **Aventis Pharmaceuticals Inc.**
Internal Address: **P. O. Box 6800**
Street Address: **Route 202/206 North**
City: **Bridgewater** State: **NJ** ZIP: **08807**

Additional name(s) and address(es) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 1) 28 February 2001; 2) 28 February 2001;
3) 1 March 2001

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): **09/760,589**

B. Patent No.(s):

Additional numbers attached? ☐ YES ☒ NO

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

Name: **Joseph P. Kirk, Jr., Reg. No. 36,844**
Internal Address: **Aventis Pharmaceuticals Inc.**
Street Address: **Route 202-206 / P.O. Box 6800**
City: **Bridgewater** State: **NJ** ZIP: **08807-0800**

Our Reference No.: **HMR2034USNP1**

6. Total number of applications and patents involved: **1**

7. Total (37 CFR 3.41):..... **\$40.00**

☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: **18-1982**

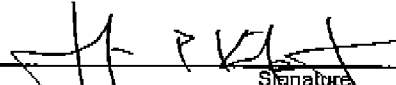
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9. Statement and signature.

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.

Joseph P. Kirk, Jr., Reg. No. 36,844

Name of Person Signing


Signature
Date: **30 March 2001**
Total number of pages comprising cover sheet: **7**

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PATENT
REEL: 011438 FRAME: 0825

Aventis File No: HMR2034 US NP1

Assignment and Agreement

For value received and intending to be legally bound, I/we, the undersigned joint inventor(s) (Assignor(s)), sell, assign and transfer to AVENTIS PHARMACEUTICALS INC. (Assignee), Route 202-206, P.O. Box 6800, Bridgewater, New Jersey 08807-0800, United States of America, and its successors, assigns and legal representatives, the entire right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to the application for United States Letters Patent therefor, assign Attorney Docket No. HMR2034 US NP1 and (if filed prior to the execution hereof) filed on 16 Jan. 2001, as Serial No. 09/760589, entitled

Pseudopolymorph of (-)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one

and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letter Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, pipelines and extensions, and government exclusivity rights of the same.

I/we authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

I/we agree that, when requested, I/we will, without charge to said assignee but at its expense, sign all papers, take a rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

I/we covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

Signed at Kansas City, MO, USA on this 28th day of February, 2001.
(City, State and Nation)

Signature: Gary L. Bafus

Inventor's Name: **Gary L. Bafus**
Residential Address: **1504 S.W. 23rd Street**
Blue Spring, Missouri

Aventis File No: HMR2034 US NP1

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name: **Christine M. Harrison-Bowman**
Residential Address: **14737 Robinson St.**
Overland Park, KS 66223

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name: **Gary Lee Silvey**
Residential Address: **10139 Switzer Circle**
Overland Park, KS 66212

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name:
Residential Address:

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name:
Residential Address:

Aventis File No: HMR2034 US NP1

Assignment and Agreement

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(City, State and Nation)

Signature: _____

Inventor's Name: **Gary L. Bafus**
Residential Address: **1504 S.W. 23rd Street**
Blue Spring, Missouri

Aventis File No: HMR2034 US NP1

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: *Christine M. Harrison-Bowman*
2/28/2001

Inventor's Name: **Christine M. Harrison-Bowman**
Residential Address: **14737 Robinson St.**
Overland Park, KS 66223

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name: **Gary Lee Silvey**
Residential Address: **10139 Switzer Circle**
Overland Park, KS 66212

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name:
Residential Address:

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name:
Residential Address:

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Residential Address: **1504 S.W. 23rd Street**
Blue Spring, Missouri

Aventis File No: HMR2034 US NP1

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name: **Christine M. Harrison-Bowman**
Residential Address: **14737 Robinson St.**
Overland Park, KS 66223

Signed at Kansas City, MO on this 1-2 day of March, 2001.
(City, State and Nation)

Signature: 

Inventor's Name: **Gary Lee Silvey**
Residential Address: **10139 Switzer Circle**
Overland Park, KS 66212

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name:
Residential Address:

Signed at _____ on this _____ day of _____, 2001.
(City, State and Nation)

Signature: _____

Inventor's Name:
Residential Address: