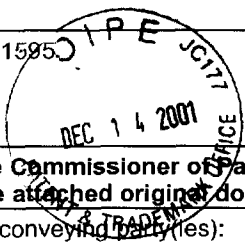


12-19-2001



101921536

To the Honorable Commissioner of Patents  
Please record the attached original document.

TTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): Hoechst Aktiengesellschaft (Hoechst AG)	12-14-01	2. Name and address of receiving party(ies): Name: Aventis Pharma Deutschland GmbH (Aventis Pharma)
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
--	-------------------

3. Nature of conveyance:	Street Address: Industriepark Höchst, Building K801, 65926 Frankfurt am Main, Germany
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<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger	City: Frankfurt
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<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name	State: Germany	Zip Code: 65926
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<input type="checkbox"/> Other: [Describe]	Additional name(s) & Address(es) attached?
--	--

Execution Date: December 4, 2001	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------------------------	---

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: [Type appropriate information]

A. Patent Application Number(s): [Text]	B. Patent Number(s): 5,728,543
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

Name: Carol P. Einaudi, Esq.

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

6. Total number of applications and registrations involved:  
**One**

7. Total fee (37 CFR 3.41): \$40

<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)
<input type="checkbox"/> Authorized to be charged to deposit account

8. Deposit Account No.: 06-0916

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.

Carol P. Einaudi		December 14, 2001
	Signature	Date

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

12/14/2001 BRYNE 00000135 5728543  
40.00 DP  
01 FC:581

ASSIGNMENT DEED

Between:

HOECHST AKTIENGESELLSCHAFT, located at Brüningstr. 50, in D- 65929  
Frankfurt/Main, Germany

Hereunder designated HOECHST AG

And:

AVENTIS PHARMA DEUTSCHLAND GmbH, whose postal address is Industriepark  
Höchst, Building K801, 65926 Frankfurt am Main, Germany

Hereunder designated AVENTIS PHARMA

Whereas:

HOECHST AG is the owner of U.S. Patent No. 5,728,543 (hereinafter the Patent)  
and AVENTIS PHARMA is desirous of obtaining the Patent:

NOW THEREFORE, be it known that, for good and valuable consideration the  
receipt of which from AVENTIS PHARMA is hereby acknowledged, HOECHST AG  
has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer,  
and set over unto AVENTIS PHARMA, its lawful successors and assigns, its entire  
right, title, and interest in the Patent, and all divisions, and continuations thereof, and

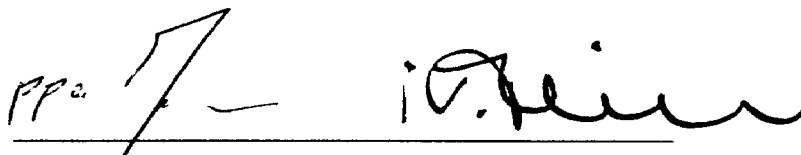
all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue all future Letters Patent which may be granted to AVENTIS PHARMA, its successors and assigns, in accordance with the terms of this Assignment.

This assignment will transfer the Patent at the date of execution of this Deed.

Signed in Frankfurt, Germany

On Dezember 4, 2001

HOECHST AG

The image shows two handwritten signatures in black ink. The signature on the left is 'Dr. Markus Jacobi' and the signature on the right is 'Dr. Hans-Jürgen Fischer'. Both signatures are written over a horizontal line.

Dr. Markus Jacobi Dr. Hans-Jürgen Fischer