RECEIVED FORM PTQ-1619A Expires 06/30/99 D JAN 10 AN 11: 24 OMB 0651-0027 OPR/FINANCE	02-23-2000 101272787	U.S. Department of Commerce Patent and Trademark Office PATENT
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Name (line 1) Dieter Hochrainer		12/16/99
Name (line 2)		Execution Date
Second Party Name (line 1) Bernd Zierenberg		Month Day Year 12/16/99
Name (line 2)		
Receiving Party	Mark if additional name	s of receiving parties attached
Name (line 1) Boehringer Ingelheim Pharma KG		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1) 173 Binger Strasse		of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment.)
Address (line 3) Ingelheim	Germany D-5	5216 Zip Code
Domestic Representative Name and A		Party only.
Name Robert P. Raymond		
Address (line 1) 900 Ridgebury Road, P.O. Box 36	8	
Address (line 2) Ridgefield, CT 06877		
Address (line 3)		
Address (line 4)		
02/22/2000 TTON11 00000180 022955 09418474	FOR OFFICE USE ONLY	
Public burden reporting for this collection of information is estimated to a gathering the data needed to complete the Cover Sheet. Send comments D.C. 20231 and to the Office of Information and Regulatory Affairs, Office Information Collection Budget Package 0651-0027, Patent and Trademark Mail documents to be record Commissioner of Patents and T	regarding this burden estimate to the U.S. Patent and Trademan of Management and Budget, Panerwork Reduction Project (0651	A Office, Chier information Officer, Washington, -0027), Washington, D.C. 20503. See OMB ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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PATENT REEL: 010558 FRAME: 0405

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	1/1069	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone N	lumber 203-7	98-9988	
Name Robert P. Raymond	· · · · · · · · · · · · · · · · · · ·			
Address (line 1) Boehringer Ingelheim Corp	oration			
Address (line 2) 900 Ridgebury Road, P. O. Box		· · · · · · · · · · · · · · · · · · ·		
Address (line 3) Ridgefield, CT 06877			······	
Address (line 4)				
Pages Enter the total number of pa including any attachments.	iges of the attached conveyand	e document	# 4	
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Patent Application Number(s)		Patent Nur	nber(s)	
09/416,474				
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Enter PCT application number	PCT PCT	.,		
only if a U.S. Application Numbe	^r рст рст _		PCT	
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Number of Properties Enter the to	tal number of properties involv	ved. #	1	
Fee Amount Fee Amount	for Properties Listed (37 CFR	3.41): \$ 40.0	00	
Method of Payment: Encl Deposit Account	osed Deposit Account	~		
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: #02-2955				
	Authorization to charge additional			
Statement and Signature				
	aliat the foregoing information	is true and a	orrect and any	
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.			and are addressed, as	
	all in			
Mary-Ellen M. Devlin	craw inthe		January 6, 2000	
Name of Person Signing	Signaturé	·	Date	

Case No.: 1/1069

ASSIGNMENT

In consideration of one Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledge, I (We), the undersigned,

Dr. Dieter HOCHRAINER a citizen of Austria, and resident of Josef-Knettel-Strasse 4a, D-55411 Bingen am Rhein, Germany

Dr. Bernd ZIERENBERG a citizen of Germany, and resident of Goethestr. 1, D-55411 Bingen am Rhein, Germany

hereby sell, assign and transfer to, Boehringer Ingelheim Pharma KG, a corporation of Federal Republic of Germany, having a place of business at, D-55216 Ingelheim, Federal Republic of Germany, its successors, assigns and legal representatives, our entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent which is entitled:

Active Substance Concentrate with Formoterol, Suitable for Storage which

was executed by me (us) on

was filed on October 12, 1999, and accorded Serial No.: 09/416,474

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

Agree said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof, generally do everything possible which said Assignee, its successors,

> PATENT REEL: 010558 FRAME: 0407

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assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applicants for patents and all patents on said improvements in said Assignee, its successors, assigns and legal representative; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE OF APPLICANT		DATE
Dieter HOCHRAINER	Dicter Hochpeiner	16th Dec. 1999
Bernd ZIERENBERG	50-1×e-101	16 th Dec, 1939

assign.form.doc/lgl/pat/frms/tmp/pat