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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	101706703	U.S. Department of Commerce Patent and Trademark Office PATENT
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TO: The Commissioner of Patents and Trac Submission Type 4-30-01	lemarks: Please record the attached Conveyance Type	original document(s) or copy(ies).
X New		Security Agreement
Resubmission (Non-Recordation)		Change of Name
		-
Reel # Frame #	\square $U.s.$	Other Government
Corrective Document Reel # Frame #	(For Use ONLY by	y U.S. Government Agencies) tal File Secret File
Conveying Party(ies)	Mark if additional names of	conveying parties attached Execution Date
Name (line 1) Sjoeholm, Carsten		Month Day Year 03212001
Name (line 2)	· · · · · · · · · · · · · · · · · · ·	
Second Party Name (line 1) Oestergaard, Peter Rahbek		Execution Date Month Day Year
		03222001
Name (line 2)		
Receiving Party	Mark if addi	itional names of receiving parties attached
Name (line 1) F. Hoffmann-La Roche AG	······································	is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a domestic
Address (line 1) 124 Grenzacherstrasse		representative is attached. (Designation must be a
Address (line 2)	·····	separate document from Assignment.)
Address (line 3) Basle	SWITZERLAND	CH-4070
Domestic Representative Name ar	State/Country	Zip Code
Name		
Address (line 1)		
Address (line 2)	···	
Address (line 3)		
Address (line 4)	······································	
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FORM PTO-16 Expires 06/30/99 OMB 0651-0027		J.S. Department of Commerce Patent and Trademark Office PATENT		
Conveying Pa	rty(ies) Mark if additional names of conveying parties attached	Execution Date		
Enter additional C	onveying Parties	Month Day Year		
Name (line 1)	Kluenter, Anna-Marie	03282001		
Name (line 2)		Execution Date Month Day Year		
Name (line 1)				
Name (line 2)		Execution Date		
Name (line 1)		Month Day Year		
Name (line 2)]		
Receiving Pa	rty(ies) Mark if additional names of receiving part	ies attached		
	Peceiving Party(ies)			
Name (line 1)		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)		of a domestic representative is attached. (Designation must be a separate document from		
Address (line 2)		Assignment.)		
Address (line 3)	City State/Country Zip Co	ode		
Name (line 1)		If document to be recorded is an assignment and the		
Name (line 2)		receiving party is not domiciled in the United States, an appointment of a		
Address (line 1)		domestic representative is attached. (Designation must		
Address (line 2)		be a separate document from Assignment.)		
Address (line 3)				
Address (line 3) City State/Country Zip Code				
	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the			
	tent Application Number(s) Patent Num			
09779334				
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PATENT REEL: 011759 FRAME: 0796 ٦

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	(404) 873-8794
Name Patrea L. Pabst, Esq.	·····	
Address (line 1) Arnall Golden & Gregor	y, LLP	
Address (line 2) 2800 One Atlantic Cente	r	
Address (line 3) 1201 West Peachtree Str	eet	
Address (line 4) Atlanta, GA 30309-3450)	
including any attachments.	ges of the attached conveyance docum	ent # 4
Application Number(s) or Patent Num		dditional numbers attached
Fee Amount Fee Amount f Method of Payment: Enclor Deposit Account Enclor (Enter for payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section of the payment by deposit account or if additional section sectio	Patent	Number(s)
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Patrea L. Pabst Name of Person Signing Reg. No.: 31,284	Signature	<u>4/26/09</u> Date
}	N	OVT 100 11321/18

ASSIGNMENT

We, Carsten Sjoeholm of Alleroedvej 17, DK-3450 Alleroed, DENMARK, Peter Rahbek Oestergaard of Kvaedevej 111, DK-2830 Virum, DENMARK, and Anna-Marie Kluenter of Im Leh 2a, Loerrach D-79541, GERMANY, in consideration of ten dollars and other valuable consideration paid to us by F. Hoffmann-La Roche AG, a corporation of SWITZERLAND, having its principal place of business at 124 Grenzacherstrasse, CH-4070 Basle, SWITZERLAND, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said F. Hoffmann-La Roche AG, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "Use of Acid-Stable Subtilisin Proteases in Animal Feed" described in filed in the United States Patent and Trademark U.S. Serial No. Office on February 8, 2001, by Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter, which claims priority to foreign application Serial No. 2000 00200 filed in Denmark on February 8, 2000, and which claims priority to U.S. Provisional Application Serial No. 60/183,133 filed in the United States Patent and Trademark Office on February 17, 2000, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

> NOVT/P23948US NOVT 100 11321/18

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 2 day of Maych, 2001.

Canter

Witne	sses:	, 1	
1.	Signed:	-tion offe	
	Printed Name:	FIONA DUFFNER	
	Address:	Virunstrade 3 2830 Virun	
	Der	mark	

2.	Signed:	Adler Hatl	
	Printed Name:	Githa Hart	
	Address:	Tingquidsparken 33 Tune	
		You Roskilde	

NOVT/P23948US NOVT 100 11321/18

Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed" By: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter Filed: February 8, 2001 ASSIGNMENT

WITNESS my hand and seal this <u>22</u> day of <u>march</u> __, 2001.

Peter Rahbek Oestergaard

Witnesses:

l.	Signed: the treat
	Printed Name: CHARSENE FRANCE
	Address: Ophnician 42 100
	2: no monstad n

Sling 2. Signed: 1 ASTRID KIER MADSER Printed Name: ____ Address: STER GARDWENGE 74 LYNN 2860

NOVT/P23948US NOVT 100 11321/18

Title: "Use of Acid-Stable Subtilisin Proteases in Animal Feed" By: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter Filed: February 8, 2001 ASSIGNMENT

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WITNESS my hand and seal this	<u> </u>	day of	Marci	<u> </u>

Anna-Marie Kluenter

Witr	iesses:	the comment	
1.	Signed:	- tigathere	
	Printed Name:	VERLARC VIVIA.16	
	Address:	de Ru de Buchech	
	6.216	C. HULLINGE FRANCE	

2.	Signed:	ANK: ly
	Printed Name:	Dr. Wolfgung Steinbry
	Address:	Tüllinger Str. 29
	Ŋ	- 49539 L'Ornach

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RECORDED: 04/30/2001

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