

05-04-1999

REC  
PATENT

101025879

TO THE ASSISTANT COMMISSIONER OF PATENT  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Jurgen ENGEL  
3. Wolfgang SCHUMACHER  
5. Alfred OLBRICH  
7.2. Bernd KUTSCHER  
4. Ulf NIEMEYER  
6. Gerhard NOSSNER  
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

## 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: ASTA MEDICA AKTIENGESELLSCHAFT

ADDRESS: Weismullerstrasse 45, 6000 Frankfurt AM Main 1, GERMANY

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

## 3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☒ PART INTEREST☐ CHANGE OF NAME ☐ ACCURATE TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:EXEC. DATE: 1) 10/23/97, 2) 10/14/97,  
3) 10/28/97, 4) 10/22/97, 5) 11/3/97, 6) 10/20/97

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1) 1/15/99, 2) 1/20/99, 3) 1/21/99, 4) 1/27/99, 5) 1/29/99, 6) 1/18/99

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in Item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in Item 1
	243037				

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 NEW YORK AVENUE, N.W.  
NINTH FLOOR, EAST TOWER  
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS        = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 243037

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975UNDER ORDER NO 11468 243037  
dup. sheet not required CLIENT NO. MATTER NO.

## 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.

*Ruth N. Morduch*

Signature

Attorney: Ruth N. Morduch

Reg. No. 31044

Atty/Sec: RNM/rei

TEL: (202) 861-3617

Date: April 22, 1999

FAX: (202) 822-0944

10. Total number of pages including the  
cover sheet, attachments and documents  
(do not file dup. Cover sheet)

3

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT

REEL: 9919 FRAME: 0524

Please return signed/recorded to:  
Cushman Darby & Cushman  
Intellectual Property Group of  
Pillsbury Madison & Sutro LLP  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3918

USA Patent Appln.  
Sole or Joint

For Inventions made outside USA  
executed with or after application

Atty. Dkt 237139 91160PH/JB  
M# Client Ref.

NONPROVISIONAL

ASSIGNMENT  
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Jurgen ENGEL (3) Wolfgang SCHUMACHER (5) Alfred OLBRICH	(2) Bernd KUTSCHER (4) Ulf NIEMEYER <input checked="" type="checkbox"/> x box if continued on page 2
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the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	ASTA MEDICA AKTIENGESELLSCHAFT Weismullerstrasse 45 6000 Frankfurt AM Main 1 GERMANY
--	---

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION	A PROCESS FOR THE PREPARATION OF ALKYLPHOSPHOCHOLINES
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for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) ☐ even date herewith  
(B) ☐ on  
line A, B and/or C) (C) ☒ in U.S. Appln. 08/ 938, 331 filed September 25, 1997  
No.

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1) Name: Jurgen ENGEL	x Oct. 23 / 97	x [Signature]
2) Name: Bernd KUTSCHER	x 14/10/97	x Dr. Jürgen Bachmann
3) Name: Wolfgang SCHUMACHER	x Oct. 28, 97 OCT. 22/97	x [Signature]
4) Name: Ulf NIEMEYER	x 22/10/97	x Peter [Signature]
5) Name: Alfred OLBRICH	x Nov 3, 1997	x [Signature]

PATENT  
REEL: 9919 FRAME: 0525

**ASSIGNMENT**  
(Continued from page 1)

**LISTING OF ADDITIONAL INVENTORS**

INSERT  
NAME(S) OF  
INVENTOR(S)

(6) Gerhard NOSSNER	(7)
(8)	(9)
(10)	(11)
(12)	(13)
(14)	(15)

**SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED**

	<b><u>INVENTORS</u></b>	<b><u>DATE SIGNED</u></b>	<b><u>WITNESSES</u></b>
6):	<i>Gerhard NOSSNER</i>	<i>10/20/97</i>	<i>G. Kohn</i>
Name:	Gerhard NOSSNER		
7)			
Name:			
8)			
Name:			
9)			
Name:			
10)			
Name:			
11)			
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