

BOX ASSIGNMENTS

08-27-1999

R TRADEMARKS

RECORDATION FORM
PATENT APPLICATIONS

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS

101129642

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. Mechthild RIEPING
3. Walter PFEFFERLE
5. Jorn KALINOWSKI
7.2. Georg THIERBACH
4. Nicole DUSCH
6. Alfred PUHLER
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

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

NAME: DEGUSSA-HULS AKTIENGESELLSCHAFT

ADDRESS: Patents and Trademarks, Postfach 1345, D-63403 Hanau, 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 - 3) June 11, 1999;
4 - 6) June 15, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1 - 3) June 11, 1999; 4 - 6) June 15, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NOA. PAT. APP. NO.(S)
series code/serial
no

M#

1st INVENTOR
if not in item 1

B. PATENT NO(S)

M#

1st INVENTOR
if not in item 1

09/318,739

260203

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 260203

980147 BT

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

21123

260203

MATTER NO.

CLIENT REF.

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.

Signature

Attorney: Ann S. Hobbs, Ph.D.

Reg. No. 36830

Atty/Sec: ASH/blg

TEL: (202) 861-3063

Date: August 23, 1999

FAX: (202) 822-0944

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

4

FILE WITH PTO RETURN RECEIPT (PAT-103A)

08/24/1999 TLW11 00000001 09318739

05 FC:581

40.00 DP

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
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. PMS 260203

M#

980147BT

Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,
undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) RIEPING, Mechthild	(2) THIERBACH, Georg
(3) PFEFFERLE, Walter	(4) DUSCH, Nicole
(5) KALINOWSKI, Jörn	[x] x box if continued on page 2

who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Degussa-Hüls Aktiengesellschaft
Patents and Trademarks
Postfach 1345
D-63403 Hanau
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

VERFAHREN ZUR FERMENTATIVEN HERSTELLUNG VON D-PANTOTHENSAURE UNTER
VERWENDUNG VON STAMMEN DER FAMILIE ENTEROBACTERIACEAE

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☒ in U.S. Appln. No.

filed May 26, 1999

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) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTORS	DATE SIGNED	WITNESSES
1):	X <i>Rieping, Mechthild</i>	X 06/11/99	X <i>Thielert, Georg</i>
Name:	RIEPING, Mechthild		
2):	X <i>Thielert, Georg</i>	X 06/11/99	X <i>Rieping, Mechthild</i>
Name:	THIERBACH, Georg		
3):	X <i>Pfefferle, Walter</i>	X 06/11/99	X <i>Thielert, Georg</i>
Name:	PFEFFERLE, Walter		
4) Name:			
Name:	DUSCH, Nicole		
5) Name:			
Name:	KALINOWSKI, Jörn		

IF ADDITIONAL INVENTORS, check box [X] and continue on page 2.

Please return: signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

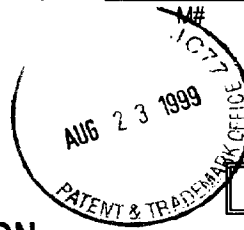
USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. PMS 260203 980147BT
Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION



NONPROVISIONAL

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,
undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) RIEPING, Mechthild	(2) THIERBACH, Georg
	(3) PFEFFERLE, Walter	(4) DUSCH, Nicole
	(5) KALINOWSKI, Jorn	[x] x box if continued on page 2

who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	Degussa-Hüls Aktiengesellschaft
	Patents and Trademarks
	Postfach 1345
	D-63403 Hanau 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	VERFAHREN ZUR FERMENTATIVEN HERSTELLUNG VON D-PANTOTHENSAURE UNTER VERWENDUNG VON STAMMEN DER FAMILIE ENTEROBACTERIACEAE
-----------------------	---

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. No. _____ filed May 26, 1999

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) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): Name: RIEPING, Mechthild		
2): Name: THIERBACH, Georg		
3): Name: PFEFFERLE, Walter		
4) Name: X <i>Nicole Dusch</i>	X 06/15/99	X <i>S. Malmivaara</i>
Name: DUSCH, Nicole		S. Malmivaara
5) Name: X <i>Jorn Kalinowski</i>	X 06/15/99	X <i>S. Malmivaara</i>
Name: KALINOWSKI, Jorn		S. Malmivaara

IF ADDITIONAL INVENTORS, check box [X] and continue on page 2.

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) PUHLER, Alfred	(7)
(8)	(9)
(10)	(11)
(12)	(13)
(14)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6):	X <u>Alfred Puhler</u>	X <u>06, 15, 93</u>	X <u>S. Malmivaara</u>
Name:	PUHLER, Alfred		S. Malmivaara
7)			
Name:			
8)			
Name:			
9)			
Name:			
10)			
Name:			
11)			
Name:			
12)			
Name:			
13)			
Name:			
14)			
Name:			
15)			
Name:			