

02-26-2001

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TRADEMARK OFFICE  
ER SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

2.1501

<b>1. Name of conveying party(ies):</b> Wolfgang STRITTMATTER Siegfried MATZKU Uwe HORN Uwe KNÜPFER Marian KUJAU Rolf WENDEROTH Dieter RIESENBERG Andreas PLÜCKTHUN Anke KREBBER No additional names attached <input type="checkbox"/>	<b>2. Name and address of receiving party(ies):</b>  MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Darmstadt, Germany  No additional names(s) or address(es) attached
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> other - A corrected Recordation sheet is attached together with the originally submitted Assignment form and Notice of Recordation from the USPTO dated September 1, 1999.	
<b>EXECUTION DATE:</b> April 22, 1998	
<b>4. Application number(s) or patent number(s):</b> THIS DOCUMENT IS NOT BEING FILED WITH A NEW APPLICATION.	
<b>A. Patent Application Number(s)</b> 09/077,549, filed November 16, 1998	<b>B. Patent Number(s)</b>
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Address: Arlington Court Plaza I Suite 1400 2200 Clarendon BLVD. Arlington, VA 22201	<b>6. Total number of applications and patents involved:</b> 1 <b>7. Total fee (37CFR 3.41) \$40.00</b> <input checked="" type="checkbox"/> Check is enclosed.  <input type="checkbox"/> Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to <b>8. DEPOSIT ACCOUNT NO. 13-3402</b>
<b>DO NOT USE THIS SPACE</b>	

**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.

Tracy A. Luke

Legal Assistant

Signature

February 15, 2001

Date

- ◆ Total number of pages including cover sheet, attachments and documents: 5
- ◆ Attorney Docket # MERCK 1897

02/23/2001 DBYRNE 00000047 09077549

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**PATENT**  
**REEL: 011526 FRAME: 0718**

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02-16-2000

IN THE UNITED STATES



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> Wolfgang STRITTMATTER Wiegfried MATZKU Uwe HORN Uwe KNÜPFER Marian KUJAU Rolf WENDEROTH Dieter RIESENBERG Andreas PLÜCKTHUN Anke KREBBER  No additional names attached <input type="checkbox"/>		<b>2. Name and address of receiving party(ies):</b>  MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Darmstadt, Germany  No additional names(s) or address(es) attached	
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DO NOT USE THIS SPACE			

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.

Wendy K. Spradlin  
Legal Assistant

Signature

February 11, 2000  
Date

- ♦ Total number of pages including cover sheet, attachments and documents: 2
- ♦ Attorney Docket # MERCK 1897

PATENT  
REEL: 011526 FRAME: 0719

# ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

Process for preparing recombinant proteins in E.Coli by means of high cell density fermentation

- ☐ for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☐ for which U.S. Application Serial No. \_\_\_\_\_ for Letters Patent was filed in the U.S. Patent and Trademark Office on \_\_\_\_\_ 28,11,1996
- ☒ for which an International Application was filed on \_\_\_\_\_ PCT/ EP96/05260 designating the United States.

AND WHEREAS  
**MERCK PATENT GESELLSCHAFT**  
**MIT BESCHRANKTER HAFTUNG**  
**Darmstadt**  
**Germany**

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

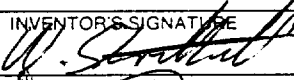

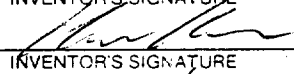
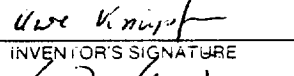
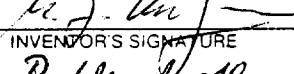
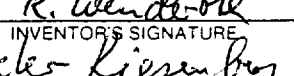
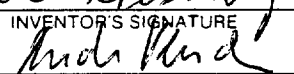
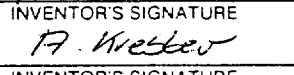
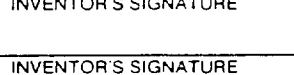
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR Dr. Wolfgang Strittmatter	INVENTOR'S SIGNATURE 	DATE 22.04.1998
202 FULL NAME OF SECOND JOINT INVENTOR, IF ANY Dr. Siegfried Matzku	INVENTOR'S SIGNATURE 	DATE 22.04.1998
203 FULL NAME OF THIRD JOINT INVENTOR, IF ANY Uwe Horn	INVENTOR'S SIGNATURE 	DATE 22.04.1998
204 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY Uwe Knüpfer	INVENTOR'S SIGNATURE 	DATE 22.04.1998
205 FULL NAME OF FIFTH JOINT INVENTOR, IF ANY Marian Kujau	INVENTOR'S SIGNATURE 	DATE 22-04-1998
206 FULL NAME OF SIXTH JOINT INVENTOR, IF ANY Rolf Wenderoth	INVENTOR'S SIGNATURE 	DATE 22.04.1998
207 FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY Dieter Riesenber	INVENTOR'S SIGNATURE 	DATE 22.04.1998
208 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY Dr. Andreas Plückthun	INVENTOR'S SIGNATURE 	DATE 22.04.1998
209 FULL NAME OF NINTH JOINT INVENTOR, IF ANY Anke Krebber	INVENTOR'S SIGNATURE 	DATE 22.04.1998
210 FULL NAME OF TENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
212 FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE

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