

10-28-02

10-25-02

FORM PTO-1515 DF 103	R 11-01-2002	SHEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner		Original documents or copy thereof	



1. Name of conveying party(ies): <b>Petra Ziegler      Lothar Eggeling</b> <b>Hermann Sahm      Petra Peters-Wendisch</b>		102267952	Address of receiving party(ies)
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Name: <b>Forschungszentrum Jülich GmbH</b>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <b>OCT 25 2002</b> <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Internal Address:	
Execution Date: <b>5 September 2002</b>		Street Address: <b>Wilhelm - Johnen Straße, Postfach 1913</b>	
		City: <b>Jülich</b> State: <b>GERMANY</b> ZIP: <b>52425</b>	
		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s) <u>09/447,125</u>	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of application and patents involved: <u>1</u>	
Name: <b>Klaus J. Bach</b>		7. Total fee (37CFR 3.41).....\$ <u>40.--</u>	
Internal Address:		<input type="checkbox"/> Enclosed	
Street Address: <b>4407 Twin Oaks Drive</b>		<input checked="" type="checkbox"/> Authorized to be charged to deposit account	
City: <b>Murrysville</b> State: <b>PA</b> ZIP: <b>15668</b>		8. Deposit Account number:	
		<b>500465.</b>	
		(Attach duplicate copy of this page if paying by deposit account)	

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.		
Klaus J. Bach		October 23, 2002
Name of Person Signing	Signature	Date
Total number of pages including cover sheet, attachments, and document: <u>2</u>		
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		

10/31/2002 6TOM11 00000151 500465 09447125  
01 FC:8021 40.00 CH

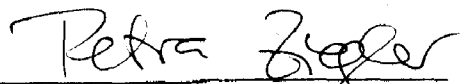
ASSIGNMENT

We hereby assign and transfer to Forschungszentrum Jülich GmbH, a Corporation organized under the laws of Germany, its successors and assigns, the entire right, title, and interest in and to the invention entitled:

NUCLEOTIDE SEQUENCES CODING FOR PROTEINS PARTICIPATING IN THE  
BIO-SYNTHESIS OF L-SERINE, IMPROVED PROCESS FOR THE MICROBIAL  
MANUFACTURE OF L-SERINE AND GENETICALLY ALTERED  
MICROORGANISM SUITABLE FOR THE PROCESS

invented by us, and the application for United States Patent therefor executed the       day of       or filed on 08/21/02 under Serial No. 10/224574 and all patents which may be granted therefor, and all continuations, divisions, reissues and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said invention or resulting therefrom to said Corporation, and covenant that we have full right to do so. We agree that we will communicate to said Corporation or their representatives any fact known to us respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention.

Executed this 5       day of SEPTEMBER 2002



Petra Ziegler

Lothar Eggeling

Hermann Sahm

Petra Peters-Wendisch

ASSIGNMENT

We hereby assign and transfer to Forschungszentrum Jülich GmbH, a Corporation organized under the laws of Germany, its successors and assigns, the entire right, title, and interest in and to the invention entitled:

NUCLEOTIDE SEQUENCES CODING FOR PROTEINS PARTICIPATING IN THE  
BIO-SYNTHESIS OF L-SERINE, IMPROVED PROCESS FOR THE MICROBIAL  
MANUFACTURE OF L-SERINE AND GENETICALLY ALTERED  
MICROORGANISM SUITABLE FOR THE PROCESS

invented by us, and the application for United States Patent therefor executed the       day of       or filed on 08/21/02 under Serial No. 10/224574 and all patents which may be granted therefor, and all continuations, divisions, reissues and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said invention or resulting therefrom to said Corporation, and covenant that we have full right to do so. We agree that we will communicate to said Corporation or their representatives any fact known to us respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention.

Executed this 5 day of SEPTEMBER 2002

Dr. Lothar Eggeling  
08/31/2002

Petra Ziegler

Lothar Eggeling

Hermann Sahn  
09/03/2002

Petra Peters-Wendisch

Hermann Sahn

Petra Peters-Wendisch