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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Ulrich Berens  
Mark Joseph Burk  
Arne Gerlach

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name Chirotech Technology Limited  
Internal Address:

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 11/8/99; 11/8/99; 11/2/99

Street Address:

Cambridge Science Park, Milton Road  
Cambridge CB4 4WE, United Kingdom  
City State ZIP

Additional name(s) & address(es) attached?  Yes  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)

B. Patent No.(s)

09/433,232; filed November 4, 1999

Docket No. GJE-218

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David R. Saliwanchik  
Internal Address:  
Street Address: 2421 N.W. 41<sup>st</sup> Street  
Suite A-1  
City: Gainesville State: FL Zip: 32606

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$

40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-0065

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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.

Doran R. Pace

February 3, 2000

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet, attachments, and document:

2

Assignment

USA

Name(s) of Inventors

GJE-218

(1) Ulrich BERENS

(2) Mark Joseph BURK

(3) Arne GERLACH

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Name of Assignee CHIROTECH TECHNOLOGY LIMITED

Address of Assignee Cambridge Science Park, Milton Road, Cambridge CB4 4WE, United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Title CHIRAL LIGANDS FOR ASYMMETRIC CATALYSIS

for which the undersigned has (have) executed an application for patent in the United States of America

Date of Signing

of Application on

Alternative Identification U.S. Application Serial Number 09/433,232

for filed applications filed November 4, 1999

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has/she has (they have) full right to convey the entire interest herein assigned, and that he has/she has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) to the attorney(s) identified in the Declaration/Power of Attorney for this patent application, the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 6 Nov 99 Signature of Inventor (1) Ulrich Berens

Date 2 Nov 99 Signature of Inventor (2) Mark J Burk

Date 2nd Nov 1999 Signature of Inventor (3) Arne Gerlach

Date 8 Nov 99 Witness

Date 2nd Nov 99 Witness