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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):
Yvonne Christine ARMITAGE, Jonathan HUGHES and Neil Andrew WEBSTER

2. Name and address of receiving party(ies)?
Name:
ALLIED COLLOIDS LIMITED
Internal Address:
P.O. Box 38, Low Moor, Bradford, West Yorkshire BD12 0Z,
England
Street Address:
Same as above

Additional name(s) of conveying party(ies) attached?
 yes no

City State Zip

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached?
 yes no

Execution Date: November 21, 1997

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).

08/930,823

Additional numbers attached? Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

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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

Waddell A. Biggart
Name Waddell A. Biggart Reg. No. 24,861

February 24, 1998
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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PATENT
REEL: 9229 FRAME: 0585

Assignment

USA

Name(s) of Inventors

- (1) Yvonne Christine ARMITAGE (2) Jonathan HUGHES
(3) Neil Andrew WEBSTER

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 **ALLIED COLLOIDS LIMITED**

Address of Assignee
P.O.Box 38, Low Moor, Bradford, West Yorkshire BD12 0JZ, England

(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 **ENZYMES, THEIR PREPARATION AND THEIR USE IN THE PRODUCTION OF AMMONIUM ACRYLATE**
for which the undersigned has (have) executed an application for patent in the United States of America

Date of Signing
of Application on November 21, 1997
Alternative Identification U.S. Application Serial Number 08/930,823
for filed applications filed October 10, 1997

- 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 authorize(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 21-11-97 Signature of Inventor (1) Yvonne Armitage
Date 21/11/97 Signature of Inventor (2) Jonathan Hughes
Date 21/11/97 Signature of Inventor (3) Neil Webster
Date 21/11/97 Witness Harriet Purvis
Date 21/11/97 Witness Susan Whinnell

PATENT

RECORDED: 02/24/1998

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