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26 AUG 1999

10-15-1999

U.S. DEPARTMENT OF COMMERCE

MRD

COVER SHEET
LYPatent and Trademark Office
Docket No. 246152011300

8-26-99

101171074

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

1. Name of conveying party(ies):

John KRIJGSMAN; Jan Willem Hubert SMEETS;
Henriëtte Elisabeth Anna DE BRAAL; Erik DE VROOM;
Herman Pieter FASEL

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

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

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

Name: Gist-brocades B.V.
Street Address: Wateringseweg 1, P.O. Box 1
2600 MA Delft, The NetherlandsAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: November 25, 1998, November 26, 1998,
November 25, 1998

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)
09/202,370

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Thomas G. Wiseman
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account, referencing
Attorney Docket 246152011300

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.**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.

Name: Thomas G. Wiseman
Registration No: 35, 046

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 4

09/09/1999 PVOLPE 00000026 09202370 Mail documents to be recorded with required cover sheet information to:

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dc-172432

PATENT
REEL: 010312 FRAME: 0543

US-02832

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by
KRIJGSMAN, John
SMEETS, Jan Willem Hubert
DE BRAAL, Henriëtte Elisabeth Anna
DE VROOM, Erik
FASEL, Herman Pieter

(hereinafter referred to as the assignors), respectively residing at
Herculesring 17, 3328-HJ DORDRECHT, The Netherlands
Henri Dunantlaan 3, 3135-WB VLAARDINGEN, The Netherlands
~~Van der Haerstraat 41, 2613-ZA DELFT, The Netherlands~~
De Meij van Streefkerkstraat 65, 2313-JM LEIDEN, The Netherlands
Fien de La Marstraat 31, 2331-HM LEIDEN, The Netherlands,

witnesseth respectively:

WHEREAS, said assignors have invented certain new and useful improvements in (FOR), set forth in an application for Letters Patent of the United States, _____ [having an oath or declaration executed on even date herewith;] bearing Serial No. _____ and filed on; _____ and entitled:

IMPROVED PROCESS FOR THE FERMENTATIVE PRODUCTION OF CEPHALOSPORIN

WHEREAS, Gist-brocades B.V. a corporation duly organized under and pursuant to the laws of The Netherlands and having its principal place of business at Wateringseweg 1, P.O.Box 1, 2600 MA Delft, The Netherlands (hereinafter referred to as the assignee*) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee*, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee*, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee* its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

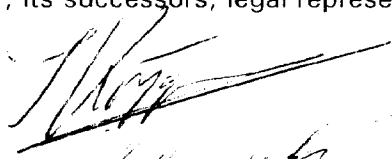
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee*, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any

proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee*, its successors, legal representatives and assigns, but at the cost and expense of said assignee*, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee* as the assignee* of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee*, its successors, legal representatives and assigns.

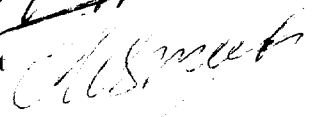
23/11/98
Date

KRIJGSMAN, John
(signer)



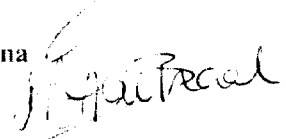
26/11/98
Date

SMEETS, Jan Willem Hubert
(signer)



4/1/99
Date

DE BRAAL, Henriëtte Elisabeth Anna
(signer)



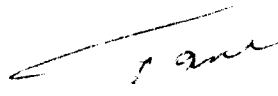
23/11/98
Date

DE VROOM, Erik
(signer)



23/11/98
Date

FASEL, Herman Pieter
(signer)



Date