

12-20-1999

U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office
Docket No. 246152005700

MKD 12.6.99

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

1. Name of conveying party(ies):

Gist-brocades N.V.

- 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: DSM N.V.
 Internal Address:
 Street Address: Het Overloon 1
 6411 TE HEERLEN
 The Netherlands

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

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

Execution Date: April 27, 1999

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)
08/501,126
 - 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 246152005700

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

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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.

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

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:

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PATENT
REEL: 010440 FRAME: 0142

ASSIGNMENT

Whereas, Gist-brocades N.V.
Wateringseweg 1
2611 XT DELFT
The Netherlands

(hereinafter referred to as ASSIGNOR) is the owner of the United States Letters Patent and patent applications enumerated on the attached list

and

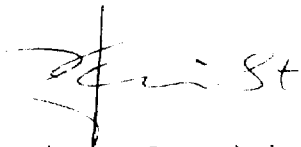
Whereas, DSM N.V.
Het Overloon 1
6411 TE HEERLEN
The Netherlands

(hereinafter referred to as ASSIGNEE) is desirous of acquiring all right, title and interest in said Patents and Patent Applications.

Now, therefore, in consideration of One Dollar (\$ 1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and set over to said ASSIGNEE the entire right, title and interest for the United States in and to said aforesaid Patents and Patent Applications including all rights of priority from the filing of said inventions, and all rights for past infringement

Date. April 27, 1999

Gist-brocades N.V.



Robert Krist, Proxi holder