

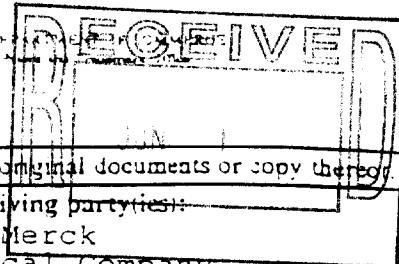
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ER SHEET

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

1. Name of conveying party(ies):

- (1) Chu-Bio Xue
(2) Carl P. Decicco

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

3. Nature of conveyance:

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

(1&2)

Execution Date: November 18, 1997

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

The DuPont Merck
Name: Pharmaceutical Company

Internal Address: Legal - PatentsStreet Address: 1007 Market StreetCity: Wilmington State: DE ZIP: 19898Additional name(s) & address(es) attached? Yes XXX 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)

08/856,223 (DM-6808A)

B. Patent No.(s)

Additional numbers attached: Yes XX No

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

Name: Karen H. KondradInternal Address: Legal - Patents

The DuPont Merck
Pharmaceutical Company

Street Address: 1007 Market StreetCity: Wilmington State: DE ZIP: 198986. Total number of applications and patents involved: One (1)7. Total fee (37 CFR 3.41)\$ 40.00☐ Enclosed (Ch. No. _____)☒ Authorized to be charged to deposit account

8. Deposit account number:

04-1928

(Attach duplicate copy of this page if paying by deposit account)

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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.

JANE E. CLARK

SENIOR LEGAL CLERK

Name of Person Signing

Jane E. Clark
Signature

5/26/1999
Date

Total number of pages comprising cover sheet:

Four

Patent Application No.: 08/856,223

(Continued)

1. Name of conveying parties:

Execution Date:

(3) Xiaohua He	November 18, 1997
(4) Robert J. Cherney	November 14, 1997
(5) Elizabeth Arner	November 21, 1997
(6) William F. DeGrado	November 6, 1997
(7) Jingwu Duan	November 13, 1997
(8) Irina Cipora Jacobson	November 14, 1997
(9) Ronald L. Magolda	November 24, 1997
(10) David Nelson	November 14, 1997

ASSIGNMENT

We/I, the undersigned

**CHU-BIO XUE, CARL P. DECICCO, ROBERT J. CHERNEY, ELIZABETH ARNER,
WILLIAM F. DEGRADO, JINGWU DUAN, XIAOHUA HE, IRINA CIPORA JACOBSON, RONALD
L. MAGOLDA, DAVID NELSON.**

Hereby declare that

We/I are the true and first inventor(s) of an invention relating to

NOVEL MACROCYCLIC COMPOUNDS AS METALLOPROTEASE INHIBITORS

which is disclosed in an application for Letters Patent in the United States of America, executed the _____ day of _____, 1997 (Case No. DM-6808-A); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign, and transfer unto The Du Pont Merck Pharmaceutical Company, a partnership organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries. We hereby authorize our attorneys and Assignee and its attorneys, or any of them, to insert in this Assignment the Serial Number and filing date of the above-identified Case No. DM-6808-A after the same shall have been made known to them by the United States Patent Office.

Signed and sealed this 18 day of November 1997.

Chubiao Xue (L.S.)
CHU-BIO XUE

Signed and sealed this 18 day of November 1997.

Carl P. Decicco (L.S.)
CARL P. DECICCO

Signed and sealed this 18 day of Nov. 1997.

Xiaohua He (L.S.)
XIAOHUA HE

Signed and sealed this 17 day of Nov 1997.

Robert J. Cherney (L.S.)
ROBERT J. CHERNEY

Signed and sealed this 21 day of Nov 1997.

Elizabeth Arner (L.S.)
ELIZABETH ARNER

Signed and sealed this 6 day of Nov 1997.

William F. Degrado (L.S.)
WILLIAM F. DEGRADO

Signed and sealed this 13 day of Nov 1997.

Jingwu Duan (L.S.)
JINGWU DUAN

Signed and sealed this 14 day of Nov 1997.

Irina Cipora Jacobson (L.S.)
IRINA CIPORA JACOBSON

Signed and sealed this 24 day of November 1997.

Ronald L. Magolda (L.S.)
RONALD L. MAGOLDA

Signed and sealed this 14th day of November 1997.

David Nelson (L.S.)
DAVID NELSON

*This application referred to above as Case No. _____, was filed in the United States Patent Office on _____ 1997, and was given Serial No. _____.

This insertion made by me this _____ day of _____ 1997.

KAREN H. KONDRAD
Registration No.: 38,212
Attorney for Applicant