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To the Honorable Commission.

101780191

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1. Submission Type:

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4. Name of conveying party(ies):

- ¹Duan, Jingwu
- ²Decicco, Carl P.
- ³Nelson, David J.
- ⁴Xue, Chu-Biao

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

Execution Date: ¹7/24/2000 ²7/25/2000
³7/25/2000 ⁴7/31/2000

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

DUPONT PHARMACEUTICALS COMPANY
CHESTNUT RUN PLAZA
974 CENTRE ROAD
WILMINGTON, DELAWARE 19805

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

5. 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): 09/540,057
Docket No.: DM-6938

B. Patent No.(s):

40E

Additional numbers attached: Yes No

6. Correspondent Name & Address:

MARY K. VANATTEN
E. I. DU PONT DE NEMOURS AND COMPANY
LEGAL-PATENTS
1007 MARKET STREET
WILMINGTON, DELAWARE 19898

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41) \$40.00

- Enclosed (Check No.: _____)
- Authorized to be charged to deposit account

9. Deposit account number: 04-1928
(Attach duplicate copy of this page if paying by deposit account)

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10. 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.

CAROL REEDER

Carol Reeder

6/27/2001

SENIOR LEGAL CLERK

Signature

Date

Total number of pages comprising cover sheet: 1

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PATENT APPLICATION ASSIGNMENT

We, the undersigned

Hereby declare that

We are the true and first inventors of an invention entitled NOVEL AMIDE DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEINASES, TNF- α , AND AGGRECANSE (and which is identified as Case Number DM-6938) and which is disclosed in an application for Letters Patent in the United States of America.

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **DuPont Pharmaceuticals Company**, a General 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 Chestnut Run Plaza, 974 Centre Road, Wilmington, Delaware 19805, hereinafter referred to as the assignee, (A) the sole and entire right, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all of our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, 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 further authorize our attorney/patent agent to insert below* the application number and filing date of the aforesaid United States application now identified as Case Number. After the same shall have been made known to him/her by the United States Patent Office.

Date: July 24, 2000
Jingwu Dean (L.S.)
JINGWU DEAN

Date: July 25, 2000
David J. Nelson (L.S.)
DAVID J. NELSON

Date: July 25, 2000
Carl P. Decicco (L.S.)
CARL P. DECICCO

Date: July 31, 2000
Chu-Biao Xue (L.S.)
CHU-BIAO XUE

on March 31, 2000, and was given Application No. 09/540,057
*The application referred to above (Case No. DM-6938) was filed in the United States Patent Office
This insertion made by me this 3 day of August, 2000.

Mary Van Atta
ATTORNEY/PATENT AGENT FOR APPLICANTS