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To the Honorable Commissioner of Pa.

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<b>4. Name of conveying party(ies):</b>  <sup>1</sup> YAO, Wenqing <sup>2</sup> DECICCO, Carl P.  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Execution Date: <sup>1</sup> 12/29/1998 <sup>2</sup> 12/29/1998		<b>5. Name and address of receiving party(ies):</b>  DUPONT PHARMACEUTICALS COMPANY LEGAL PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): <u>09/134484</u> B. Patent No.(s): _____ Docket No.: <u>DM-6925</u> Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>6. Correspondent Name &amp; Address:</b>  Karen H. Kondrad E. I. DU PONT DE NEMOURS AND COMPANY LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898		<b>7. Total number of applications and patents involved:</b> <u>1</u>  <b>8. Total fee (37 CFR 3.41)</b> ..... \$40.00 <input type="checkbox"/> Enclosed (Check No.: _____) <i>Charge</i> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <i>40</i>  <b>9. Deposit account number:</b> <u>04-1928</u> (Attach duplicate copy of this page if paying by deposit account)	
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<b>10. Statement and signature.</b> 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. <b>JANE E. CLARK</b> <i>Jane E. Clark</i> <u>7/1/99</u> SENIOR LEGAL CLERK Signature Date  Total number of pages comprising cover sheet: <u>ONE (1)</u>			

PATENT  
REEL: 9916 FRAME: 0796

11-16-1998

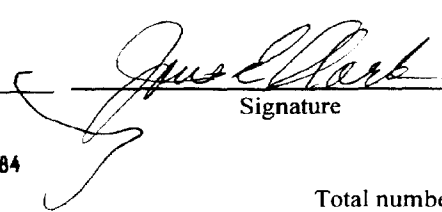
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11/9/98

To the Honorable Commissioner of Pa

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hed original documents of copy thereof

<b>1. Name of conveying party(ies):</b> <b><sup>1</sup>YAO, Wenquing</b> <b><sup>2</sup>DECICCO, Carl P.</b>		<b>2. Name and address of receiving party(ies):</b>  <b>DuPont Pharmaceuticals Company</b> <b>1007 MARKET STREET</b> <b>WILMINGTON, DELAWARE 19898</b> <b>LEGAL PATENTS</b>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:			
Execution Date: <sup>1</sup> September 22, 1998 <sup>2</sup> September 23, 1998			
<b>4. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s): <b>09/134,484</b> Docket No.: <b>DM-6925</b>  B. Patent No.(s)  Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of receiving party(ies):</b>  <b>KAREN H. KONDRAD</b> <b>DuPont Pharmaceuticals Company</b> <b>LEGAL PATENTS</b> <b>1007 MARKET STREET</b> <b>WILMINGTON, DELAWARE 19898</b>		<b>6. Total number of applications and patents involved: <u>1</u></b>  <b>7. Total fee (37 CFR 3.41) ..... \$40.00</b> <input type="checkbox"/> Enclosed (Check No.: _____) <i>Pa</i> <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number: <u>04-1928</u></b> (Attach duplicate copy of this page if paying by deposit account)	
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<b>9. Statement and signature.</b> 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.  <b>JANE CLARK</b> <b>SENIOR LEGAL CLERK</b>  <div style="display: flex; justify-content: space-between;"><div> Signature</div><div><u>11/5/98</u> Date</div></div>			
11/13/1998 DNGUYEN 00000289 041928 09134484 01 FC:581 40.00 CH Total number of pages comprising cover sheet: <u>One (1)</u>			

PATENT  
REEL: 9916 FRAME: 0797

# ASSIGNMENT

We/I, the undersigned

**WENQING YAO and CARL P. DECICCO**

Hereby declare that

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

## **NOVEL INHIBITORS OF AGGRECANASE AND MATRIX METALLOPROTEINASES FOR THE TREATMENT OF ARTHRITIS**

which is disclosed in an application for Letters Patent in the United States of America, executed the \_\_\_\_\_  
29th day of December, 1998 (Case No. DM-6925); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfilment of our pre-existing obligation of assignment, we hereby sell, assign, and transfer unto DuPont Pharmaceuticals 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-6925 after the same shall have been made known to them by the United States Patent Office.

Signed and sealed this 29th day of December 1998.

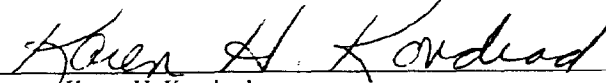
  
\_\_\_\_\_  
WENQING YAO (L.S.)

Signed and sealed this 29th day of December 1998.

  
\_\_\_\_\_  
CARL P. DECICCO (L.S.)

\*This application referred to above as Case No. DM-6925, was filed in the United States Patent Office on August 14, 1998, and was given Serial No 09/134,484.

This insertion made by me this 25 day of January ~~1998~~ 1999

  
\_\_\_\_\_  
Karen H. Kondrad  
Registration No.: 38,212  
Attorney/Agent for Applicant