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To the Honorable Commissioner of 101026754 attached original documents or copy thereof

1. Submission Type:

New

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2.5 Conveyance Type:

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4. Name of conveying party(ies):

<sup>1</sup>SIEFFERT, Dietmar A.  
<sup>2</sup>BILLHEIMER, Jeffrey T.  
<sup>3</sup>BRETH, Leah A.  
<sup>4</sup>BURN, Timothy C.  
<sup>5</sup>DICKER, Ira B.  
<sup>6</sup>GEORGE, Henry J.

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

Execution Date: <sup>1</sup>02/01/1999      <sup>2</sup>02/01/1999  
<sup>3</sup>02/02/1999      <sup>4</sup>02/01/1999  
<sup>5</sup>02/12/1999      <sup>6</sup>02/17/1999

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

**DUPONT PHARMACEUTICALS COMPANY  
1007 MARKET STREET  
WILMINGTON, DELAWARE 19898**

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): **09/237061**      B. Patent No.(s): \_\_\_\_\_  
Docket No.: **DM6956**

Additional numbers attached:  Yes  No

6. Correspondent Name & Address:

**R. R. WILK  
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  
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04/30/1999 JSHABAZZ 00000256 041928 09237061  
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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.

**JANE E. CLARK** \_\_\_\_\_  
SENIOR LEGAL CLERK      *Jane Clark*      Signature      4/26/99      Date

Total number of pages comprising cover sheet: TWO (2)

**PATENT  
REEL: 9914 FRAME: 0348**

## 1. Name of conveying party(ies) (continued):

<b>Name:</b>	<b>Execution Date:</b>
<sup>7</sup> HOLLIS, Gregory F.	<sup>7</sup> 02/02/1999
<sup>8</sup> HOLLIS, Jeannine M.	<sup>8</sup> 02/03/1999
<sup>9</sup> KOCHIE, Jennifer E.	<sup>9</sup> 02/02/1999
<sup>10</sup> O'NEIL, Karyn T.	<sup>10</sup> 02/11/1999

# ASSIGNMENT

We, the undersigned

**DIETMAR A. SEIFFERT, JEFFREY T. BILLHEIMER, LEAH A. BRETH, TIMOTHY C. BURN, IRA B. DICKER, HENRY J. GEORGE, GREGORY F. HOLLIS, JEANNINE M. HOLLIS, JENNIFER E. KOCHIE and KARYN T. O'NEIL**

Hereby declare that

We are the true and first inventors of an invention relating to

## **DETECTION OF PATIENTS AT RISK FOR DEVELOPING INTEGRIN ANTAGONISTS/AGONIST MEDIATED DISEASE STATES**

which is disclosed in an application for Letters Patent in the United States of America, executed the ~~1<sup>st</sup>~~ ~~2<sup>nd</sup>~~ ~~3<sup>rd</sup>~~ ~~11<sup>th</sup>~~ ~~12<sup>th</sup>~~ ~~17<sup>th</sup>~~ day of February, 1999 (Case No. **DM-6956**); 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 **DuPont Pharmaceuticals Company**, a corporation 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 and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, 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 or other treaty or understanding, 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 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 No. **DM-6956** after the same shall have been made known to him/her by the United States Patent Office.

*Dietmar A. Seiffert* (L.S.)  
**DIETMAR A. SEIFFERT**

DATE: 2/1/99

*Leah A. Breth* (L.S.)  
**LEAH A. BRETH**

DATE: 2/2/99

*Ira B. Dicker* (L.S.)  
**IRA B. DICKER**

DATE: 2/12/99

*Gregory F. Hollis* (L.S.)  
**GREGORY F. HOLLIS**

DATE: 2/2/99

*Jeffrey T. Billheimer* (L.S.)  
**JEFFREY T. BILLHEIMER**

DATE: 2/11/99

*Timothy C. Burn* (L.S.)  
**TIMOTHY C. BURN**

DATE: 02/01/99

*Henry J. George* (L.S.)  
**HENRY J. GEORGE**

DATE: 2/17/99

*Jeannine M. Hollis* (L.S.)  
**JEANNINE M. HOLLIS**

DATE: 2/3/99

**PATENT**

**REEL: 9914 FRAME: 0350**

Jennifer E. Kochie (L.S.)  
**JENNIFER E. KOCHIE**

DATE: 2/2/99

Karyn T. O'Neil (L.S.)  
**KARYN T. O'NEIL**

DATE: 2/11/99

\*The application referred to above as Case No. **DM-6956** was filed in the United States Patent Office on January 26, 1999, and was given Application No. 09(237,06),

This insertion made by me this 3<sup>rd</sup> day of March, 1999.

David H. Vance  
David H. Vance, Ph.D./Agent