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

1. Name of conveying party(ies):  
Monsanto Technology LLC

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

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

Name: Monsanto Technology LLC

Internal Address: 800 North Lindbergh  
St. Louis, Missouri 63167

Street Address: 800 North Lindbergh

City: St. Louis State: MO ZIP: 63167

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

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: 5/29/2001; 5/21/2001

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)  
10/213,791

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gail Wuellner, Timothy K. Ball

Internal Address: Monsanto Company  
800 North Lindbergh, Mail Zone E2NA  
St. Louis, Missouri 63167

Street Address: 800 North Lindbergh  
Mail Zone E2NA

City: St. Louis State: MO ZIP: 63167

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account


8. Deposit account number:  
13-4125

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

DO NOT USE THIS SPACE

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.*

Timothy K. Ball  
Name of Person Signing

  
Signature

Nov 12, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

**ASSIGNMENT OF UNITED STATES MONSANTO PATENT RIGHTS**

ASSIGNMENT OF UNITED STATES MONSANTO PATENT RIGHTS, dated as of May 31, 2001, ("Assignment") by and between Pharmacia Corporation, a Delaware corporation formerly named Monsanto Company, ("Assignor"), and Monsanto Technology, LLC, a Delaware limited liability corporation having a place of business at 800 North Lindbergh Boulevard, St. Louis, Missouri 63167 ("Assignee").

**WITNESSETH**

WHEREAS, Assignor changed its name to Pharmacia Corporation on March 31, 2000, as evidenced by the attached copy of the amendment to its articles of incorporation (Exhibit 1) and is the owner of record of certain United States patents and certain United States provisional and non-provisional patent applications primarily relating to the Monsanto Business (hereinafter referred to collectively as the "U.S. Monsanto Patents");

WHEREAS, Assignor desires to transfer to Assignee all of its right, title, and interest in and to the U.S. Monsanto Patents;

WHEREAS, Assignee desires to acquire all of Assignor's right, title, and interest in and to the U.S. Monsanto Patents; and

WHEREAS, the parties desire that the assignment of the U.S. Monsanto Patents be made a matter of record in the United States Patent and Trademark Office;

NOW, THEREFORE, in furtherance of these desires, the parties hereby agree as follows:

1. For good and valuable consideration, the full receipt and sufficiency of which are hereby acknowledged, Assignor does hereby assign, transfer, and convey to Assignee and its successors and assigns, all of Assignor's right, title, and interest in and to the following (subject to any and all licenses and immunities from suit as granted by Assignor prior to the date of this assignment with respect to any of the following):

- a. The United States Letters Patent set forth in Schedule A attached hereto and made a part hereof, the inventions disclosed therein and any improvements thereon, and all related patent applications which have been or shall be filed in the United States on any of such inventions or improvements thereon, including all parent, priority, divisional, continuing, substitute, and reissue applications with respect thereto and any term extensions and restorations with respect thereto; and
- b. The applications for United States Letters Patent set forth in Schedule B attached hereto and made a part hereof, the inventions disclosed therein and any improvements thereon, all other patent applications which have been or shall be filed in the United States on any of such inventions or improvements thereon, including all parent, priority, divisional, continuing, substitute, and reissue applications with respect thereto and any term extensions and restorations with respect thereto.

2. The right, title, and interest in and to the United States Letters Patent hereby conveyed by Assignor to Assignee pursuant to this Assignment includes the right for Assignee to sue for any infringement that may have occurred prior to this Assignment and, in connection with any such suit, to bear all costs and direct the conduct of such suit, secure all available remedies and recover all damages and costs for Assignee's sole benefit.

3. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue to Assignee or its successors or assigns any reissue Letters Patent or Reexamination Certificates in and to any of the Letters Patents of Schedule A and to issue to Assignee or its successors or assigns any original or reissue Letters Patent or Reexamination Certificates in and to any of the applications for Letters Patent of Schedule B.

Signed and agreed to by Assignor and Assignee as of the date first written above.

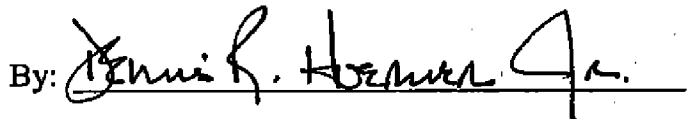
**Pharmacia Corporation**  
Assignor

By:

A handwritten signature in black ink, appearing to read "Joseph Keane", written over a horizontal line.

**Monsanto Technology LLC**  
Assignee

By:

A handwritten signature in black ink, appearing to read "Dennis R. Hanner Jr.", written over a horizontal line.

