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U.S. DEPARTMENT OF COMMERCE



OVER SHEET
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Patent and Trademark Office
Docket No. 295002005800

MRO 11/4/99

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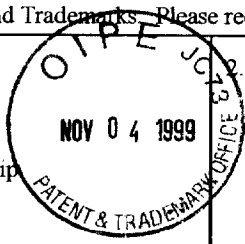
To the Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Monsanto Company

- Individual(s)
- Association
- General Partnership
- Limited Partnership
- Corporation-State
- Other

Name and address of receiving party(ies):

Name: Washington University
Internal Address:
Street Address: 724 South Euclid Avenue
City: St. Louis, State: Missouri ZIP: 63110



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

3 Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date: August 26, 1999

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

09/137,826

Additional numbers attached? Yes No

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

Thomas D. Mays, Ph.D., J.D.
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Suite 5500
Washington, D.C. 20006-1888

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account, referencing Attorney Docket 295002005800

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952

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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.

Name: Thomas D. Mays, Ph.D., J.D.
Registration No: 34,524

Signature

11/4/99
Date

Total number of pages comprising cover sheet, attachments and document: 2

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Mail documents to be recorded with required cover sheet information to:
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dc-181486

PATENT
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**ASSIGNMENT
JOINT**

WHEREAS, Pui-Yan KWOK, a United States citizen residing at 6315 San Bonita, St. Louis, MO 63105; Xiangning CHEN, a citizen of China residing at 8902 Bridgeport, St. Louis, MO 63144; and Leanna LEVINE, a United States citizen residing at 1802 MacKay Lane, Redondo Beach, CA 90278-3714, have invented certain new and useful improvements in FLUORESCENT POLARIZATION ASSAY, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 09/137,826 and filed on August 21, 1998; and

WHEREAS, Monsanto Company, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 800 North Lindbergh Boulevard, St. Louis, MO 63167 (hereinafter Assignor), is desirous of transferring its respective sole entire right, title and interest in and to said invention to Washington University, and

WHEREAS, Washington University, a corporation duly organized under and pursuant to the laws of Missouri and having its principal place of business at 724 South Euclid Avenue, St. Louis, MO 63110 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of her entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

8/26/99
Date

