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Atty. Docket: 2047.129

To the Commissioner of Patents and Trademarks:

101280255

ats or copy thereof.

1. Names of conveying parties:

- (1) WILLIAM S. BOUSMAN,
- (2) GEORGE T. COLEGROVE,
- (3) ROBERT RACZKOWSKI,
- (4) MONICA A. GARCIA and
- (5) JOHN L. HOLAHAN, III



Additional name(s) of conveying parties attached?
 Yes No

2. Name and address of receiving party:

Name: MONSANTO COMPANY

Foreign Address: _____

Domestic Address: 800 N. Lindbergh Boulevard

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: (1), (2), (3), (4): January 6, 2000;
(5): January 5, 2000.

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 Number: 09/438,975

Filing Date: November 12, 1999

B. Title of Invention:

BIOPOLYMER SALTS WITH LOW ENDOTOXIN LEVELS, BIOPOLYMER COMPOSITIONS THEREOF AND METHODS OF MAKING THE SAME

08/02/2000 JSHADAZZ 00000100 09438975

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Additional numbers attached? Yes No

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

Name: Fitzpatrick, Cella, Harper & Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 80.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(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 the attached is the original document or is a true copy of the original document.

RAYMOND R. MANDRA
Name of Person Signing

Raymond R. Mandra
Signature

January 31, 2000
Date

Total number of pages including cover sheet, attachments, and documents: 5

ASSIGNMENT

FOR VALUE RECEIVED, WE, WILLIAM S. BOUSMAN, GEORGE T. COLEGROVE, ROBERT RACZKOWSKI and MONICA A. GARCIA,

citizens of the United States of America,

residing, respectively, at: 12107 Charbono Street, San Diego, CA 92131-1503; 5238 Fontaine Street, San Diego, CA 92120; 719 Brightwood Avenue, Chula Vista, CA 91910-5403; and Monica A. Garcia, ~~719 Brightwood Avenue, Chula Vista, CA 91911;~~ 1428 Lantana Ave. Chula Vista CA 91910

hereby sell, assign, transfer and convey unto **Monsanto Company,**

a corporation of Delaware,

having a place of business at 800 North Lindbergh Boulevard, St. Louis, Missouri 63167;

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for all countries, in and to certain inventions relating to

**BIOPOLYMER SALTS WITH LOW ENDOTOXIN LEVELS,
BIOPOLYMER COMPOSITIONS THEREOF AND METHODS OF MAKING THE SAME**

and described in an application for Letters Patent of the United States filed on November 12, 1999 as Application No. 09/438,975, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals this 06 day of January, 2000.

[Signature] 01/06/00
L.S.
WILLIAM. S BOUSMAN

[Signature] 1/06/00 L.S.
GEORGE T. COLEGROVE

[Signature] L.S.
ROBERT RACZKOWSKI

[Signature] 06/January/2000 L.S.
MONICA A. GARCIA

STATE OF CALIFORNIA)
) ss.:
COUNTY OF SAN DIEGO)

On this 06 day of January, 2000, before me personally appeared WILLIAM S. BOUSMAN, GEORGE T. COLEGROVE, ROBERT RACZKOWSKI and MONICA A. GARCIA, known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and who thereupon acknowledged to me that they executed the same for the purposes therein set forth.

(Seal)



[Signature]
Notary Public
(Notary Stamp)

R-3249

ASSIGNMENT

FOR VALUE RECEIVED, I, JOHN L. HOLAHAN, III,

a citizen of the United States of America,

residing at: 7255 Dorset Avenue, University City, MO 63130;

hereby sell, assign, transfer and convey unto **Monsanto Company,**

a corporation of Delaware,

having a place of business at 800 North Lindbergh Boulevard, St. Louis, Missouri 63167;

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for all countries, in and to certain inventions relating to

BIOPOLYMER SALTS WITH LOW ENDOTOXIN LEVELS, BIOPOLYMER COMPOSITIONS THEREOF AND METHODS OF MAKING THE SAME

and described in an application for Letters Patent of the United States filed on November 12, 1999 as Application No. 09/438,975, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

