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PATENTS ONLY

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FORM PTO-1595
(Rev. 6-93)

F

OMB No. 0651-0011 (exp. 4/94)

Tab settings

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

1. Name of conveying party(ies):

Rawle I. Hollingsworth;
Gabriela Pistia-Brueggeman

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

2. Name and address of receiving party(ies)

Board of Trustees operating
Name: Michigan State University

Internal Address:

Street Address: 238 Administration Bldg.

City: East Lansing State: MI ZIP: 48824

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

3. Nature of conveyance:

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

Execution Date: March 28, 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: March 28, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09819581

Additional numbers attached? Yes No

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

Name: Ian C. McLeod

Internal Address: McLeod & Moyne, P.C.

03/30/2001 661TH191 00000016 09819581

04 FC:581

40.00 DP

Street Address: 2190 Commons Parkway

City: Okemos State: MI ZIP: 48864

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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

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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.

Ian C. McLeod

Name of Person Signing

Signature

3/28/01

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

PATENT
REEL: 011654 FRAME: 0707

ASSIGNMENT

WHEREAS, We, Rawle I. Hollingsworth and Gabriela Pistia-Brueggeman, residing at 1222 Woodwind Trail, Haslett, Michigan 48840, and 1529 Ohio Avenue, Lansing, Michigan 48906, respectively, have invented certain new and useful improvements in PROCESS FOR THE PREPARATION OF 1,5-DIDEOXY-1,5-IMINO HEXITOLS FROM OXIMES for which an application for United States Letters Patent was signed by us on even date herewith; and

WHEREAS, Board of Trustees, a constitutional Corporation operating Michigan State University, (hereinafter referred to as Assignee) of East Lansing, State of Michigan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, we the said Rawle I. Hollingsworth and Gabriela Pistia-Brueggeman, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent and Trademark Office officials in the United States and any and all foreign countries to issue any and all of said

Letters Patent, when granted, to said Assignee as the assignee of our entire right, title and interest in and to the same for the sole use and behoof of the said Assignee, its successors and assigns.

FURTHER, we agree that we will communicate to said Assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of March, 2001.

Signed in the Presence of:

[Signature]

Rawle I. Hollingsworth
Rawle I. Hollingsworth

STATE OF MICHIGAN :
COUNTY OF INGHAM : SS.

On this 28th day of March, 2001, personally appeared before me the above named Rawle I. Hollingsworth to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

[Signature]
Notary Public

My Commission Expires: _____
EILEEN J. McLEOD
Notary Public - Ingham County, MI
My Commission Expires April 30, 2004

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of March, 2001.

Signed in the Presence of:

[Signature]

G. Pistia-Brueggeman
Gabriela Pistia-Brueggeman

STATE OF MICHIGAN :
COUNTY OF INGHAM : SS.

On this 28th day of 2001 March, 2001, personally appeared before me the above named Gabriela Pistia-Brueggeman to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

[Signature]
Notary Public

My Commission Expires: _____
EILEEN J. McLEOD
Notary Public - Ingham County, MI
My Commission Expires April 30, 2004