

Form PTO-1595

02-22-2005

ET

U.S. Department of Commerce
Patent and Trademark Office

102946056

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

1. Name(s) of conveying party(ies):

Anne Milcamps
David A. Pan
Michael R. PollardMRP
2-16-05

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

2. Name and address of receiving party:

The Board of Trustees Operating
Michigan State University
238 Administration Building
East Lansing, Michigan 48824

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

3. Nature of conveyance: ASSIGNMENT

Execution Date: 11/01/04, 01/18/05, 01/27/05

4. Title of Invention: Diacylglycerol Acyltransferase Genes, Proteins, and Uses Thereof

Application number(s) or patent number(s):

A. Patent Application No.(s):

10/859,247

B. Patent No.(s):

Additional numbers attached? No

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

Tanya A. Arenson
MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105

6. Total number of applications and patents involved: 1

7. Total fee(s):

Check in the amount of \$1,760.00 enclosed (\$130.00 surcharge for filing missing parts of an application, \$40.00 Assignment recordation fee, and \$1,590.00 fee for filing a four-month extension of time).

8. Deposit Account Authorization:

The Commissioner is hereby authorized to charge any deficiency in the payment of the required fees, and/or credit any overpayment, to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

02/17/2005 DTESSEM1 00000046 10859247

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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.

Date: February 14, 2005

Signature:

Name: Tanya A. Arenson

Reg. No.: 47,391

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

PATENT

Attorney Docket No.: DOW/MSU-07660

ASSIGNMENT

WHEREAS, WE, Anne Milcamps, David A. Pan and Michael R. Pollard, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Diacylglycerol Acyltransferase Genes,
Proteins, And Uses Thereof**

Filing Date: 06/02/2004

Serial No.: 10/859,247

WHEREAS, The Board of Trustees Operating Michigan State University, a Michigan corporation, 238 Administration Building, East Lansing, Michigan 48824-1045, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this Assignment on the date indicated below.


Anne Milcamps

David A. Pan

Michael R. Pollard

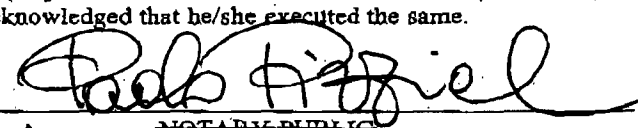
STATE OF ITALY
REGIONE LOMBARDIA
COUNTY OF PROVINCIA VARESE

ss.

On this 27 day of JANUARY, in the year of 2005, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

PAOLO

PIZZIOL


NOTARY PUBLIC
WITNESS

SEAL

ASSIGNMENT

WHEREAS, WE, Anne Milcamps, David A. Pan and Michael R. Pollard, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this Assignment on the date indicated below.

Anne Milcamps

David A. Pan

Michael R. Pollard

STATE OF at Dundee, Scotland, UK
COUNTY OF _____)
ss.

On this 1st day of November, in the year of 2004, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

Evan Banyard
NOTARY PUBLIC

SEAL

ASSIGNMENT

WHEREAS, WE, Anne Milcamps, David A. Pan and Michael R. Pollard, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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Proteins, And Uses Thereof**

Filing Date: 06/02/2004

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this Assignment on the date indicated below.

Anne Milcamps

David A. Pan

Michael R. Pollard

Michael R. Pollard

STATE OF Michigan)

COUNTY OF Ingham)

ss.

On this 18th day of January, in the year of 2005, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

Janyth M. Sherman

JANYTH M. SHERMAN
Notary Public, Ingham County, MI
My Comm. Expires July 12, 2007

NOTARY PUBLIC

SEAL