

04-14-1999



101008478

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):
**JOHN M. MCPHERSON, PETER C. YAEGER,
MARIE E. BROWN, JAMES G. HANLON, and
FRANCOIS BINETTE**

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 3/8/99; 3/9/99; 3/12/99; and 3/25/99

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

Name: **GENZYME CORPORATION**

Internal Address: **LEGAL DEPARTMENT**

Street Address: **ONE MOUNTAIN ROAD**

City: **FRAMINGHAM** State: **MA** ZIP: **01701**

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/229,430

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: **MADGE R. KANTER, ESQ.**

Internal Address: **GENZYME CORPORATION**

LEGAL DEPARTMENT

Street Address: **ONE MOUNTAIN ROAD**

City: **FRAMINGHAM** State: **MA** ZIP: **01701**

6. Total number of applications and patents involved: **1**

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

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

07-1074

04/13/1999 JSH/001 00000132 071074 09229430

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40.00 CH

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.

MADGE R. KANTER

Name of Person Signing

Signature

3/29/99

Date

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

7

PATENT

REEL: 9876 FRAME: 0855

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
TR0101US

This is an Assignment of the following rights, title and interest: (check all that apply):

☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☒ *United States Patent Application Serial No.* 09/229,430

Date of Execution: _____ *Date of Filing:* JANUARY 13, 1999

☐ *United States Provisional Patent Application Serial No.* _____

☐ *United States Patent No(s).* _____

☒ *International (PCT) Patent Application Serial No.* PCT/US97/13140

☐ *Other (specify)* _____

Title of the Invention

CHONDROCYTE MEDIA FORMULATIONS AND CULTURE PROCEDURES

Inventors (assignors)

<i>Name</i>	<i>Address</i>
JOHN M. MCPHERSON	72 OLD ELM WAY, HOPKINTON, MA 01748
PETER C. YAEGER	19 ROBIN HOOD ROAD, NATICK, MA 01760
MARIE E. BROWN	21 MOSMAN STREET, WEST NEWTON, MA 02165
JAMES G. HANLON	711 PASEO CAMARILLO, APT. 203, CAMARILLO, CA 93010
FRANCOIS BINETTE	372 QUERBES AVENUE, QUEBEC, CANADA H2V 3W3

Assignee

<i>Name</i>	<i>Address</i>
GENZYME CORPORATION	ONE MOUNTAIN ROAD, FRAMINGHAM, MA 01701

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
TR010US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

<i>Name</i>	<i>Signature/Date</i>
JOHN M. MCPHERSON	
PETER C. YAEGER	
MARIE E. BROWN	
JAMES G. HANLON	
FRANCOIS BINETTE	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
TR0101US

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

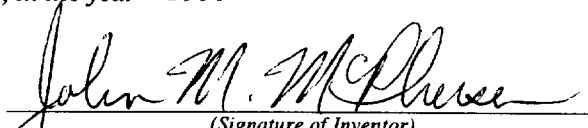
Executed this 9 day of March, in the year 1999
at FRAMINGHAM, MA 01701

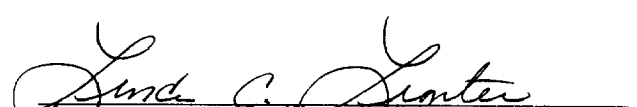
State of MASSACHUSETTS

County of MIDDLESEX

Before me personally appeared JOHN M. MCPHERSON

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 9 day of March, in the year 1999


(Signature of Inventor)
JOHN M. MCPHERSON


(Notary Public)
My Commission Expires: 09/07/2001

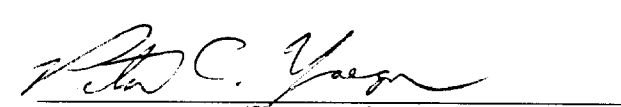
Executed this 8 day of March, in the year 1999
at FRAMINGHAM, MA 01701

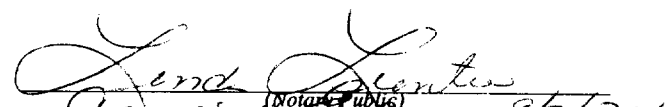
State of MASSACHUSETTS

County of MIDDLESEX

Before me personally appeared PETER C. YAEGER

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 8 day of March, in the year 1999


(Signature of Inventor)
PETER C. YAEGER


(Notary Public)
My Commission Expires: 9/7/2001

Executed this 8 day of March, in the year 1999
at FRAMINGHAM, MA 01701

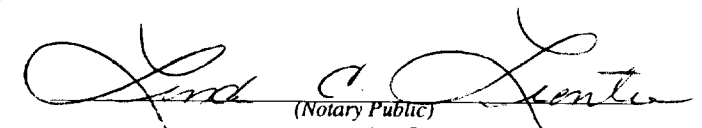
State of MASSACHUSETTS

County of MIDDLESEX

Before me personally appeared MARIE E. BROWN

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 8 day of March, in the year 1999


(Signature of Inventor)
MARIE E. BROWN


(Notary Public)
My Commission Expires: 9/7/2001

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
TR0101US

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this _____ day of _____, in the year 1999
at CAMARILLO, CA

State of CALIFORNIA

County of _____

Before me personally appeared JAMES G. HANLON
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year 1999

(Signature of Inventor)

JAMES G. HANLON

(Notary Public)

Executed this 12 day of march, in the year 1999
at _____

(Signature of Inventor)

FRANCOIS BINETTE

Before me personally appeared FRANCOIS BINETTE
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 12 day of march in the year 1999

WITNESS

Executed this _____ day of _____, in the year _____
at _____

(Signature of Inventor)

State of _____

County of _____

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year _____

(Notary Public)

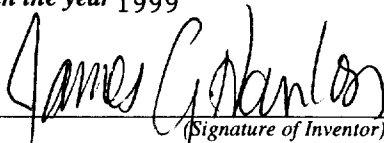
**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
TR0101US

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 25th day of March, in the year 1999
at CAMARILLO, CA


(Signature of Inventor)
JAMES G. HANLON

State of CALIFORNIA

County of

Before me personally appeared JAMES G. HANLON
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of in the year 1999

(Notary Public)

Executed this day of, in the year 1999
at

(Signature of Inventor)
FRANCOIS BINETTE

Before me personally appeared FRANCOIS BINETTE
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of in the year 1999

WITNESS

Executed this day of, in the year
at

(Signature of Inventor)

State of

County of

Before me personally appeared
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of in the year

(Notary Public)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

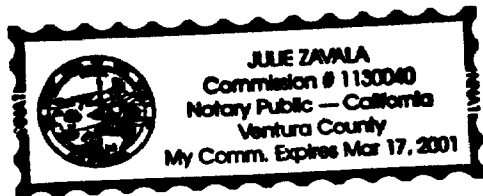
State of California

County of Ventura

On March 25, 1999 before me, Julie Zavala, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared James G. Hanlon,
Name(s) of Signer(s)

☐ personally known to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Julie Zavala
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment of Rights, Title & Interest in Inventions

Document Date: _____ Number of Pages: 4

Signer(s) Other Than Named Above: John McPherson, Peter O'Younger, Liesbeth Maria E Braun, And Francois Binette.

Capacity(ies) Claimed by Signer(s)

Signer's Name: James G. Hanlon

- ☒ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
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