

06-26-1998

U.S. DEPARTMENT OF COMMERCE



HEET

Patent and Trademark Office
Docket No. 273802001301

100748448

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McG 6-15-98

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

1. Name of conveying party(ies):
Charles PETRIE; Mark W. ORME; Nand BAINBUR; and Kirk
G. ROBBINS Individuals
 General Partnership Limited Partnership
 Corporation-State Other

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

Name: ZymoGenetics, Inc.
Internal Address:
Street Address: 1201 Eastlake Avenue East
City: Seattle, State: Washington ZIP: 98102

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

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 7/29/97; 6/30/97; 7/21/97; and 7/30/97
+

4. Application number(s) or patent number(s): **08/806,770**

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)

Additional numbers attached? Yes No

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

Kate H. Murashige
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
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 (previously paid see original recordation form)
 Authorization to charge deposit account for any fee deficiency, referencing Attorney Docket 273802001001

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.

DO NOT USE THIS SPACE

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: Kate H. Murashige
Registration No: 29,959

[Handwritten Signature]
Signature

#135,046
6/11/98
Date

Total number of pages comprising cover sheet, attachments and document: - 6 -

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

dc-101450

PATENT
REEL: 9256 FRAME: 0625

PATENT APPLICATION
File No.: 2738020013.01

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Charles Petrie, a citizen of the United States, residing at 18459 NE 196th Place, Woodinville, Washington 98072;

Mark W. Orme, a citizen of the United States, residing at 4235 Francis Avenue North #203, Seattle, Washington 98103;

Nand Baindur, a citizen of India, residing at 13919 57th Place West, Edmonds, Washington 98026; and

Kirk G. Robbins, a citizen of the United States, residing at 1200 Grant Avenue South #Y-304, Renton, Washington 98055;

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

COMPOSITIONS AND METHODS FOR TREATING BONE DEFICIT CONDITIONS for which application of Letters Patent of the United States has been filed on February 26, 1997 and granted serial number 08/806,770; and

WHEREAS:

ZymoGenetics, Inc., a corporation of the State of Washington having a place of business at 1201 Eastlake Avenue East, Seattle, Washington (hereinafter ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive rights, titles and interests to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

SAID ASSIGNORS hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNORS hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention

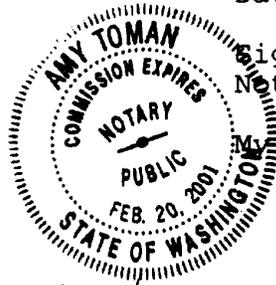
and claim the benefits of the International Convention, and that we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Date: 7-29-97 Charles R. Petrie
 Charles Petrie

State of Washington)
) ss.
 County of King)

I certify that I know or have satisfactory evidence that Charles Petrie signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.

Dated 7/20/97



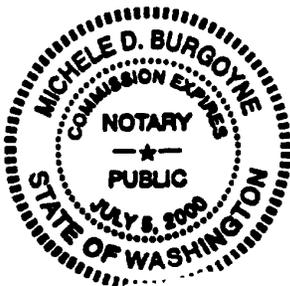
Signature of Amy Toman
 Notary Public
 My Appointment expires 2/20/01

Date: X 6/30/97 X Mark W. Orme
 Mark W. Orme

State of Washington)
) ss.
 County of King)

I certify that I know or have satisfactory evidence that Mark W. Orme signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.

Dated June 29 1997



Signature of Michele D. Burgoyne
 Notary Public
 My Appointment expires 7-5-2000

Date: 7-21-97 Nand Baidur
Nand Baidur

State of Washington)
County of King) ss.

I certify that I know or have satisfactory evidence that Nand Baidur signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.



Dated 7/21/97
Signature of Notary Public Amy Toman
My Appointment expires 2/20/01

Date: 7/30/97 Kirk G. Robbins
Kirk G. Robbins

State of Washington)
County of King) ss.

I certify that I know or have satisfactory evidence that Kirk G. Robbins signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.



Dated 7/30/97
Signature of Notary Public Amy Toman
My Appointment expires 2/20/01