

MRD 8-15-98



08-26-1998



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U.S. DEPARTMENT OF COMMERCE

EET

Patent and Trademark Office
Docket No. 273802002200

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

<p>1. Name of conveying party(ies): Jacob S. Petersen</p> <p><input checked="" type="checkbox"/> Individual(s) <input type="checkbox"/> Association <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Corporation-State <input type="checkbox"/> Other</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: ZymoGenetics, Inc. Internal Address: 1201 Eastlake Avenue East Street Address: same City: Seattle, State: WA ZIP: 98105</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: April 16, 1998</p>	

4. Application number(s) or patent number(s): 09/064,682 filed April 22, 1998

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

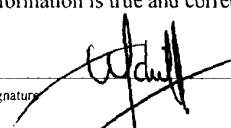
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>J. Michael Schiff Morrison & Foerster LLP 755 Page Mill Road Palo Alto, California 94304-1018</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account, referencing Attorney Docket 273802002200</p> <p>8. Deposit account number: 03-1952</p>
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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

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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.

Name: J. Michael Schiff Signature:  Date: August 12/98

08/20/1998 Registration No. 46,233 40.00 DP

Total number of pages comprising cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:
U.S. Patent and Trademark Office
Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 20231

pa-287089

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Jacob S. Petersen, a citizen of Denmark, residing at 5501 17th Ave NE, Seattle, WA 98105

(hereinafter ASSIGNOR), has made a discovery or invention entitled:

COMBINATIONS OF ANTIGEN AND MUCOSAL BINDING COMPONENT FOR
INDUCING SPECIFIC IMMUNOLOGICAL TOLERANCE

for which application of Letters Patent of the United States will be filed on April 23, 1998; 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 ASSIGNOR 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR hereby authorizes and requests 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 ASSIGNOR hereby covenants that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNOR hereby further covenants and agrees 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 me 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

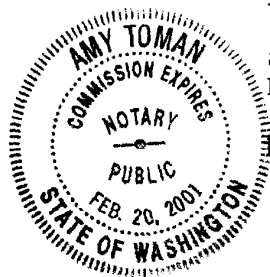
divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful 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: April 16, 1998 Jacob S. Petersen
Jacob S. Petersen

State of Washington)
County of King) ss.

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

Dated 4/16/98



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