01-21-09 03:47pm From-ZGI IP/LEGAL DEPT	206 442 6678 T-207 P.002/005 F-924	
	FORM COVER SHEET Patent and Trademark Office	
PATENTS ONLY		
To: The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy(ies).		
Submission Type	Conveyance Type	
New New	Assignment	
Resubmission (Non-Recordation)	☐ License ☐ Change of Name	
Document ID#	☐ Merger ☐ Other:	
Reel # Frame#		
Reel# Frame#		
	ark if additional names of conveying parties attached	
1	ion Date: November 5, 2008	
1	ion Date: October 17, 2008	
	ion Date:	
1 3	ion Date:	
	ion Date:	
	ion Date: ion Date:	
	ion Date:	
	ark if additional names of receiving parties attached	
Name: ZymoGenetics, Inc.		
Address: 1201 Eastlake Avenue East Seattle, WA 98102		
	1	
Correspondent Name and Address	Pages	
Name: Robyn Adams	Enter the total number of pages of the attached conveyance	
ZymoGenetics, Inc. Address: 1201 Eastlake Avenue East	document including any attachments.	
Seattle, WA 98102	#3	
(206) 442-6752		
Application Number(s) or Patent Number(s)		
	Number (DO NOT ENTER BOTH numbers for the same property).	
Patent Application Number(s)	Patent Number(s)	
12/147,187		
Number of Properties		
Number of Applications and Patents Involved: 1		
Fee Amount		
Fee Amount for Properties List (37 C.F.R. 3.41): \$40.00		
Method of Payment: Enclosed Deposit Account	Deposit Account Number: 26-0290	
	Authorization to charge additional fees: Yes 🗷 No 🗔	
DO NOT USE THIS SPACE		
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. Charges to deposit account are authorized, as indicated herein.		
17. 01		
Robyn Adams Registration No. 44,495  Duc  Zonusary Z1,2009  Duc		
Robyn Adams Registration No. 44,495 Date		

PATENT REEL: 022139 FRAME: 0629

700396964

PATENT File No.: 99-62C1

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

Paul O. Sheppard, a citizen of the United States, residing at 13532 278th Drive NE, Granite Falls, Washington 98252; and

Darrell C. Conklin, a citizen of Canada, residing at 254 Grays Inn Road, London, United Kingdom WC1X 8JX;

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

METHOD OF FORMING A PEPTIDE-RECEPTOR COMPLEX WITH ZSIG33 for which application of Letters Patent of the United States has been filed on June 26, 2008 and granted serial number 12/147,187, which is a continuation of U.S. Patent Application No. 09/718,803, filed November 22, 2000; and for which parent application no. 09/718,803 an International Application No. PCT/USUS00/32074 has been filed on November 22, 2000, all of which claim priority to U.S. Frovisional Patent Application No. 60/166,765 filed on November 22, 1999; 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

PATENT REEL: 022139 FRAME: 0630 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. This Assignment is made effective as of November 22, 1999.

Date: 11/5/08	Paul O. Shaward	
Paul O. Sheppard		
State of Washington County of King	) \ ss.	
	Ima was been sealed as the same as the same	
I certify that I know or have satisfactory evidence that Paul O. Sheppard signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.		
Date: Ordber 17, 2008	Signature of Notary Public — (Lucy Appointment expires 4 21 17.  Darrell C. Conklin	
<u>STATEMENT BY WITNESS</u>		
I, NAGGIE COPER, was personally present and did see Darrell C. Conklin, who is known to me, execute the above Assignment.		
Signature of Witness:	15 A Compose Date: 17/10/08	

PATENT REEL: 022139 FRAME: 0632 01-21-09 03:47pm From-ZGI IP/LEGAL DEPT 206 442 6678 T-207 P.001/005 F-924

## ASSIGNMENT FACSIMILE TRANSMISSION

DATE: January 21, 2009

FROM/ATTORNEY: Robyn Adams

FIRM: ZymoGenetics, Inc.

PAGES, INCLUDING COVERSHEET: 5

PHONE NUMBER: (206) 442-6752

RETURN FACSIMILE NUMBER (206) 442-6678

EXAMINER:

RECORDED: 01/21/2009

ART UNIT: 1648

SERIAL NUMBER: 12/147,187

FAX/TELECOPIER NUMBER: (571) 273-0140

IF YOU MAVE NOT RECEIVED ALL THE PAGES OF THIS TRANSMISSION, PLEASE CONTACT THE ATTORNEY AT THE TELEPHONE NUMBER LISTED ABOVE.

IN COMPLIANCE WITH 1096 OG 30, THE FILING DATE ACCORDED EACH OFFICIAL FAX TRANSMISSION WILL BE DETERMINED BY THE FAX MACHINE DATE STAMP FOUND ON THE LAST PAGE OF THE TRANSMISSION, UNLESS THAT DATE IS A SATURDAY, SUNDAY OR FEDERAL HOLIDAY WITHIN THE DISTRICT OF COLUMBIA, IN WHICH CASE THE OFFICIAL DATE OF RECEIPT WILL BE THE NEXT BUSINESS DAY.

THE DOCUMENT(S) ACCOMPANYING THIS FACSIMILE TRANSMISSION CONTAIN(S) INFORMATION FROM THE UNITED STATES PATENT AND TRADEMARK OFFICE WHICH IS CONFIDENTIAL AND/OR LEGALLY PRIVELEGED. THIS INFORMATION IS FOR THE USE OF THE INDIVIDUAL OR FIRM NAMED ON THIS SHEET. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISCLOSURE, COPYING, DISTRIBUTION, OR THE TAKING OF ANY ACTION IN RELIANCE ON THE CONTENTS OF THIS INFORMATION IS STRICTLY PROHIBITED. THE DOCUMENTS SHOULD BE RETURNED TO THE PATENT AND TRADEMARK OFFICE IMMEDIATELY. IF THIS FACSIMILE IS RECEIVED IN ERROR, PLEASE NOTIFY THE ATTORNEY LISTED HEREON IMMEDIATELY.

PATENT REEL: 022139 FRAME: 0633