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06-08-2001

U.S. DEPARTMENT OF COMMERCE Patent & Trademark Office To The Honorable Commissioner of Patents and Traueilla 83. Freeze 1001742841 and account(s) or copy(ies) thereof. 3. Name and address of receiving party(ies): 1. Name of conveying party(ies): Paul D. Bishop Name: ZymoGenetics, Inc. Additional name(s) of conveying party(ies) attached? ____Yes XX No Internal Address: Street Address: 1201 Eastlake Avenue, East 2. Nature of conveyance: City: Seattle XX Assignment ____ Merger State: WA Zip: 98102 Security Agreement ____ Change of Name Other Execution Date: May 16, 2001 Additional name(s) & address(es) attached? 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/757,860 XX No Additional numbers attached? Yes 6. Total number of applications and patents 5. Name and address of party to whom correspondence concerning document involved: should be mailed: 7. Total fee (37 CFR 3.41):\$40.00 Name: Beverly A. Lyman, Esquire Internal Address: Wood, Herron & Evans, L.L.P. XX Enclosed XX Authorized to be charged to deposit account 2700 Carew Tower If deficiencies occur Street Address: 441 Vine Street State: Ohio Zip: 45202 8. Deposit Account Number: 23-3000 City: Cincinnati (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any 9. Statement and Signature. attached copy is a true copy of the original document. Beuly Ahyman May 25, 2001
Signature Date Beverly A. Lyman, Reg. No. 41,961 Total number of pages including cover sheet, attachments, and document(s): 2

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

> > **PATENT** REEL: 011861 FRAME: 0296

ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, I, Paul D. Bishop, 28425 S.E. Eighth Street, Fall City in the State of Washington 98024, have invented a new and improved PROTECTION AGAINST ISCHEMIA AND REPERFUSION INJURY as fully disclosed in an application for Patent so entitled and filed by me on January 10, 2001, preparatory to obtaining Letters Patent of the United States therefor; and whereas, ZymoGenetics, a corporation organized under the Laws of the State of Washington, and having its principal office at 1201 Eastlake Avenue, East, Seattle, Washington, 98102 desires to acquire the entire interest in and to the subject-matter disclosed in said application and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said ZymoGenetics my entire right, title and interest in and to the subject-matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject-matter disclosed therein to the above named Assignee, its legal representatives and assigns.

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2001

Witness my hand this day	of, 2001.
Xalx S	Inventor.
Paul D. Bishop	
STATE OF Washington) ss	
COUNTY OF King	
a un day of h	, 2001, before me personally
appeared <u>Paul D. Bishop,</u> to me know	n and known to me to be the above named
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voluntary act and deed and who exec	uted the same for the uses and purposes
therein specified A A	
Comment of the Commen	Centhia a. Hagen
	Notary Public

PATENT
RECORDED: 06/01/2001 REEL: 011861 FRAME: 0297

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