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Docket No. 01-06	. 1 10211	 		J.S. DEPARTMENT OF C	OMMERCE
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Address: 1201 Eastlake Avenue East					
Seattle, WA 98102					
Correspondent Name and Address		Pages			
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PATENT File No.: 01-06

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Paul D. Bishop, a citizen of the United States, residing at 28425 SE 8th Street, Fall City, Washington 98024, U.S.A.;

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

BLOOD COAGULATION FACTOR XIII FOR TREATING PLATELET DISORDERS for which application of Letters Patent of the United States has been filed on August 15, 2003 and granted serial number 10/468,111; 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 I 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: 6 Mm 04	Pall S
	Paul D. Bishop
State of Washington)
County of King) ss.

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

CYNTHIA A. HAGEN

STATE OF WASHINGTON

NOTARY — • — PUBLIC

MY COMMISSION EXPIRES 08-20-07

RECORDED: 05/17/2004

Signature of Notary Public 4 - Kager

My Appointment expires