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ASSIGNMENT

WHEREAS, DAVID H. FARRELL and REHANA S. LOVELY, hereinafter referred to as ASSIGNORS, are named inventors of an invention entitled: **PEPTIDES WHICH MODULATE BLOOD COAGULATION AND METHODS OF USE THEREOF** described and claimed in an application for Letters Patent of the United States, said invention disclosed in United States Serial No. 10/482,175.

WHEREAS, OREGON HEALTH & SCIENCE UNIVERSITY, (hereinafter referred to as ASSIGNEE), an educational institution organized and existing under and by virtue of the laws of the State of Oregon, and engaged in business at 3181 S.W. Sam Jackson Park Road, Portland, Oregon 97201-3098, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, their entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, it successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has executed on the day and month indicated below &

Date

01 . 14 . 04

NOTARY PUBLIC-OREGON COMMISSION NO. 347299 MY COMMISSION EXPIRES JUNE 28, 2005 Signature ******** 114/04

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OFFICIAL SEAL

TRACEY & BROWNING NOTARY PUBLIC OREGO

COMMISSION NO. 347295

MY COMMISSION EXPIRES JUNE 28, 2005

PATENY 14/04

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Rehana S. Lovely

12/21/2004 16:50 FAX 215 563 4044

DANN DORFMAN PHILA

U.S. Application No. 10/482,175 PCT/US02/21543				Docket No. 3422-OHSU.01/556US		
	owing fees are submitte NAL FEE (37 CFR 1.					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO					0.00	
-	liminary examination f rnational Search Repor		1	\$920.0	ю	
	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$776				0.00	
International pre but all claims di	eliminary examination f d not satisfy provisions	ee (37 CFR 1.482) paid of PCT Article 33(1)-(1 to USPTO (4)	\$730.0	0	
	liminary examination f tisfied provisions of PO			\$100.0	0	
-	ENTER APPI	ROPRIATE BASIC F	EE AMOUNT =		\$ -0-	
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date					\$130.00)
CLAIMS NUMBER FILED NUMBER EXTRA RATE						
Total Claims -20 = 18					\$-0-	
Independent Claims	-3	=	86		\$-0-	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$290					\$ -0-	
		TOTAL OF ABOY	E CALCULAT	IONS	\$130.00	
[X] Applicant cl are reduced by 1	aims small entity status /2	. See 37 CFR 1.27. TI	be fees indicated		\$65.00	
			SUBTOT	AL =	\$65.00	
	\$130.00 for furnishing the arliest claimed priority da		than [] 20 30 []		
		TOTAI	L NATIONAL F	EE =	\$65.00	
	the enclosed assignment (n appropriate cover sheet			+	\$40.00	
TOTAL FEES ENCLOSED =					\$105.00	

a. [X] A check in the amount of \$105.00 to cover the above fees is enclosed

- b. [] Please surcharge Deposit Account No. 04-1406 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO: Kathleen D. Rigaut Dann, Dorfman, Herrell & Skillman Suite 2400 1601 Market Street Philadelphia, PA 19103

Customer No. 000110

Kathleen D. Rigaut, Fh.D., J.D. Registration No. 43,047

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