

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
UNIVERSITATSKLINIKUM HEIDELBERG	06/15/2012
RECEIVING PARTY DATA	
Name:	RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG
Street Address:	GRABENGASSE 1
City:	69117 HEIDELBERG
State/Country:	GERMANY
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61267026
Application Number:	13513059
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ATTORNEY DOCKET NUMBER:	BB.253P; BB.253X
NAME OF SUBMITTER:	David R. Saliwanchik
Total Attachments: 2 source=Ex-Assignment-Ruprecht#page1.tif source=Ex-Assignment-Ruprecht#page2.tif	

CH \$80.00 61267026

ASSIGNMENT

WHEREAS, UNIVERSITÄTSKLINIKUM HEIDELBERG, having a place of business at Im Neuenheimer Feld 672, 69120 Heidelberg, Germany, has rights in and to the following intellectual property:

- 1) Invention entitled **MALARIA VACCINES BASED ON MALARIAL FERLIN AND FERLIN-LIKE PROTEINS**, for which an application for United States Letters Patent was filed on December 5, 2009, as Serial No. 61/267,026.
- 2) Invention entitled **MALARIA VACCINES BASED ON APICOMPLEXAN FERLINS, FERLIN-LIKE PROTEINS AND OTHER C2-DOMAIN CONTAINING PROTEINS**, for which an application for United States Letters Patent was filed on May 31, 2012, as Serial No. 13/513,059.

WHEREAS, **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**, having a place of business at Grabengasse 1, 69117 Heidelberg, Germany, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

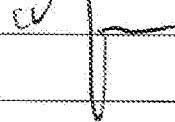
NOW, THEREFORE, in view of valuable consideration, receipt of which is hereby acknowledged, **UNIVERSITÄTSKLINIKUM HEIDELBERG**, has sold, assigned, and transferred, and by these presents does sell, assign, and transfer, unto said **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG** its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

**UNIVERSITÄTSKLINIKUM HEIDELBERG** hereby authorizes and requests the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**, its successors and assigns.

FURTHER, **UNIVERSITÄTSKLINIKUM HEIDELBERG** agrees that it will communicate to said **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**, or its representatives, any facts known to it respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**; make all rightful oaths; and generally do everything possible to aid the said **RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I, the undersigned authorized representative of  
UNIVERSITÄTSKLINIKUM HEIDELBERG, have hereunto set my hand this 15 day  
of June, 2012.

Markus Jones  
Master of Business  
Law & Taxation  
Leiter Rechtsabteilung

Signed   
Name \_\_\_\_\_  
Title \_\_\_\_\_

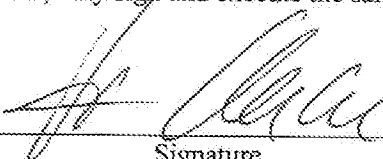
UNIVERSITÄTSKLINIKUM HEIDELBERG  
Im Neuenheimer Feld 672  
69120 Heidelberg  
GERMANY

STATEMENT BY WITNESS

I, Volker Cleeves, whose full post office  
(Name of witness)  
address is Im Neuenheimer Feld 672, 69120 Heidelberg  
(Address of witness)

hereby declare that I was personally present and did see the above-named person, personally known  
to me to be the person named in the assignment, duly sign and execute the same.

15-06-12  
Date

  
Signature

Dr. Volker Cleeves  
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