

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Lawrence W. Bergman | 05/19/2008 |
| RECEIVING PARTY DATA | |
| Name: | Philadelphia Health & Education Corporation, d/b/a Drexel University College of Medicine "DUCOM" |
| Street Address: | 245 North 15th Street |
| City: | Philadelphia |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 19102 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12088065 |
| CORRESPONDENCE DATA | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
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| ATTORNEY DOCKET NUMBER: | SBWRDU131050 |
| NAME OF SUBMITTER: | Dennis K. Shelton |
| Total Attachments: 2 | |
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| source=31050_Assignment_Bergman_Philadelphia#page2.tif | |

CH 12088065 \$40.00

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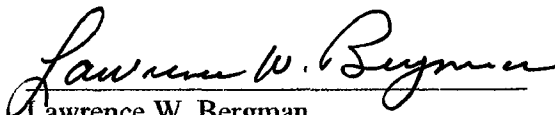
ASSIGNMENT

WHEREAS, I, Lawrence W. Bergman, residing at 941 Crest Road, Landsdale, Pennsylvania 19446, am an inventor named in an application for Letters Patent of the United States entitled PLASMODIUM LIVER STAGE ANTIGENS, the specification of which was filed on September 29, 2006, as International Application No. PCT/US2006/037851 (now U.S. Application No. 12/088,065).

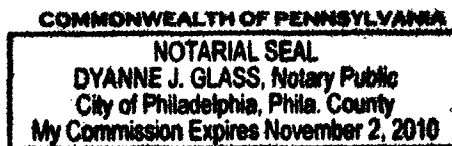
AND, WHEREAS, Philadelphia Health & Education Corporation, d/b/a/ Drexel University College of Medicine "DUCOM", having a principal place of business at 245 North 15th Street, Philadelphia, Pennsylvania 19102 (hereinafter referred to as ASSIGNEE), is desirous of acquiring my entire right and title to and interest in my invention disclosed in said application;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto ASSIGNEE my entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in my name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by me had this sale, assignment, and transfer not been made; and I do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to me.

Executed at PHILADELPHIA (city), Pennsylvania, this 19th day of MAY, 2008.


Lawrence W. Bergman

STATE OF PENNSYLVANIA)
COUNTY OF Philadelphia) ss.



I certify that I know or have satisfactory evidence that Lawrence W. Bergman is the person who appeared before me, and said person acknowledged that he signed this instrument

and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: May 19, 2008

(Seal or stamp)

Dyanne J. Glass
Signature
Notary Public
My appointment expires 11/2/2010

DKS:cj

