

## PATENT ASSIGNMENT COVER SHEET

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GRAHAM SIMMONS	03/02/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
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<b>DATE SIGNED:</b>	11/11/2016
<b>Total Attachments: 3</b>	
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ASSIGNMENT

WHEREAS, I, **Graham Simmons**, of **San Francisco, California**, hereinafter referred to as the **ASSIGNOR**, have invented a certain invention entitled "**Antibodies Against Chikungunya Virus and Uses Thereof**," along with **Benjamin Doranz**, of **Philadelphia, Pennsylvania**; **Kimberly-Anne Mattia**, of **Philadelphia, Pennsylvania**; **Kristen Kahle**, of **Philadelphia, Pennsylvania**; **Rachel Hua-Ning Fong**, of **Marlton, New Jersey**; and **Soma Banik Banerjee**, of **Philadelphia, Pennsylvania**; for which we have made an application for Letters Patent of the United States, said application having been assigned Application Serial No. **14/441,867**; and

WHEREAS, **Blood Systems Research Institute**, hereinafter referred to as the **ASSIGNEE**, of **270 Masonic Avenue, San Francisco, California 94118**, a corporation of **Arizona**, is desirous of acquiring my entire right, title and interest in and to said inventions or improvements and in and to said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said **ASSIGNEE**, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said **ASSIGNOR**, intending to be legally bound, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said **ASSIGNEE**, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and the full right to sue for and recover all profits and damages recoverable for past infringement of the same, and the right to claim priority, and assign to and authorize said **ASSIGNEE**, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns, nominees

or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this ASSIGNMENT, sale and transfer not been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said ASSIGNEE or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of said ASSIGNEE, its successors, assigns, nominees, or legal representatives.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as ASSIGNEE of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this ASSIGNMENT.

AND if the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

