

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFFREY C. MILLER	12/11/2014
DAVID PASCHON	12/11/2014
EDWARD J. REBAR	12/11/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SANGAMO BIOSCIENCES, INC.
<b>Street Address:</b>	501 CANAL BLVD., SUITE A100
<b>Internal Address:</b>	POINT RICHMOND TECH CENTER II
<b>City:</b>	RICHMOND
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94804
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14564722
<b>PCT Number:</b>	US2014069307
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(510)236-8951
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	510-970-6000
<b>Email:</b>	sangamoip@sangamo.com
<b>Correspondent Name:</b>	SANGAMO BIOSCIENCES, INC.
<b>Address Line 1:</b>	501 CANAL BLVD., SUITE A100
<b>Address Line 2:</b>	ATTN: IP DEPARTMENT
<b>Address Line 4:</b>	RICHMOND, CALIFORNIA 94804
<b>ATTORNEY DOCKET NUMBER:</b>	S115-US2-PCT
<b>NAME OF SUBMITTER:</b>	KWEZI MJUMBE
<b>SIGNATURE:</b>	/KWEZI MJUMBE/
<b>DATE SIGNED:</b>	12/11/2014
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

JOINT

THIS ASSIGNMENT, Edward J. REBAR; Jeffrey C. MILLER and David PASCHON (hereinafter referred to as the assignors), residing at San Francisco, California; San Rafael, California and Oakland, California, respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in

### **METHODS AND COMPOSITIONS FOR TREATING HEMOPHILIA**

set forth in:

(1) U.S. Application for Letter Patent bearing Serial No. 14/564,722 and filed on December 09, 2014 which claims priority to U.S. Provisional Patent Application No. 61/913,838 filed on December 09, 2013; and U.S. Provisional Patent Application No. 61/943,884 filed on February 24, 2014; and

(2) PCT Application No. PCT/US2014/069307 and filed on December 09, 2014 in the U.S. Receiving Office of the Patent Cooperation Treaty, which claims priority to U.S. Provisional Patent Application No. 61/913,838 filed on December 09, 2013; and U.S. Provisional Patent Application No. 61/943,884 filed on February 24, 2014;

WHEREAS, Sangamo BioSciences, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at Point Richmond Tech Center, 501 Canal Boulevard, Suite A100, Richmond, CA 94804 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Union for the Protection

of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

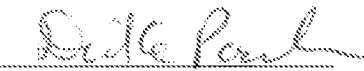
Date: 12/11/2014

Name of Inventor: Jeffrey C. Miller

  
Jeffrey C. Miller

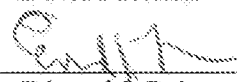
Date: 12/11/14

Name of Inventor: David Paschon

  
David Paschon

Date: 12/11/14

Name of Inventor: Edward J. Rebar

  
Edward J. Rebar