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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAN CHEN	04/23/2015
STEVEN M. SHAMAH	04/23/2015

RECEIVING PARTY DATA

Name:	X-BODY, INC.	
Street Address:	100 BEAVER STREET	
Internal Address:	SUITE 101	
City:	WALTHAM	
State/Country:	MASSACHUSETTS	
Postal Code:	02453	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16674129
Application Number:	15024002

CORRESPONDENCE DATA

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LATHROP GAGE LLP - JUNO/CELGENE **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	579587: XBI-009US
NAME OF SUBMITTER:	JAMES H. VELEMA
SIGNATURE:	/James H. Velema/
DATE SIGNED:	11/05/2019

Total Attachments: 3

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PATENT REEL: 050915 FRAME: 0285

ASSIGNMENT

WHEREAS, We, Yan CHEN of Lexington, Massachusetts, United States of America, a citizen of United States of America and Steve SHAMAH of Acton, Massachusetts, United States of America, a citizen of United States of America, have invented certain new and useful

METHODS AND COMPOSITIONS FOR GENERATION OF BINDING AGENTS AGAINST CELL SURFACE ANTIGENS

U.S. Patent Application No.: 61/881,203, filed September 23, 2013 and PCT Patent Application No.: PCT/US14/56782, filed September 22, 2014

for which we are about to make or have made application for Letters Patent of the United States; and

WHEREAS, **X-BODY**, **Inc.**, a corporation having its principal place of business at 100 Beaver Street, Suite 101, Waltham, Massachusetts 02453, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all Letters Patent which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Yan CHEN and Steve SHAMAH have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said X-BODY, Inc., the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
 - (b) said applications;

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- (c) any and all refilings, divisions, continuations and continuations-in-part of said applications;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) all claims, causes of action and damages for past infringement, if any, of said application;
- (i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, Yan CHEN and Steve SHAMAH, further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to X-BODY, Inc. or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **X-BODY**, **Inc.**, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and

request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

This assignment to have effect as of the Filing date September 23, 2013.

4/23/2015	
Date:	Yan CHEN
Signed in my presence and acknowledged to be an	assignment of the application herein above referred to:
WITNESS	
Latham MA	
Signed At (City/State)	·
Justine Gorodelli Name	
Name	-
Inte Gerli	
Signature	-
4 23 1	
Date	-
4-23=15	5555
Date:	Steve SHAMAH
Signed in my presence and acknowledged to be an	assignment of the application herein above referred to:
WITNESS	
Walthow MA	
Signed At (City/State)	•
Justine Goradelli	
Name	
44-662	
Signature	
4/23/17	

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Date

RECORDED: 11/05/2019