PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date | |
|-------------------|----------------|--|
| Jonathan Braun | 04/22/2010 | |
| Lynn K. Gordon | 04/27/2010 | |
| Kaori Shimazaki | 04/22/2010 | |
| Madhuri Wadehra | 04/28/2010 | |
| Anna M. Wu | 04/28/2010 | |
| Kathleen A. Kelly | 04/27/2010 | |

RECEIVING PARTY DATA

| Name: | The Regents of the University of California | | |
|-----------------|---|--|--|
| Street Address: | 1111 Franklin Street | | |
| City: | Oakland | | |
| State/Country: | CALIFORNIA | | |
| Postal Code: | 94607-5200 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12682032 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 02307K-160220US

PATENT

REEL: 024518 FRAME: 0889

| NAME OF SUBMITTER: | Kimberly Heldt |
|--|----------------|
| Total Attachments: 2 source=Assignment_02307K_160220US#page1.tif source=Assignment_02307K_160220US#page2.tif | |

PATENT REEL: 024518 FRAME: 0890

ASSIGNMENT

assign.doc

UC. Case No. 2005-555-3

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Jonathan Braun, Lynn K. Gordon, Kaori Shimazaki, Madhuri Wadehra, Anna M. Wu, Kathleen A. Kelly

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

EMP2 ANTIBODIES AND THEIR THERAPEUTIC USES and which is found in: U.S. Provisional Application Serial No. listing the above named persons as inventors U.S. Patent Application Serial No. 12/682,032, filed 4/07/2010 and listing the above named persons as inventors and listing the above named persons as inventors International Patent Application Serial No. listing the above named persons as inventors and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property; ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California. executed this Signature of Inventor(s) 27 day of April Lynn/K. Gordon __ day of _ Kaori Shimazaki 28 day of ___ 28 day of _ 27 day of April , 2010

> PATENT REEL: 024518 FRAME: 0891

ASSIGNMENT

UC. Case No. 2005-555-3

and which is found in:

RECORDED: 06/10/2010

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Jonathan Braun, Lynn K. Gordon, Kaori Shimazaki, Madhuri Wadehra, Anna M. Wu, Kathleen A. Kelly

hereby sells, assigns and transfers to ASSIGNEE. The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

EMP2 ANTIBODIES AND THEIR THERAPEUTIC USES

| | U.S. Provisional Applic listing the above named | | | , filed | and | | | |
|---|---|---|---|--|--|--|--|--|
| _X_ | U.S. Patent Application Serial No. 12/682,032, filed 4/07/2010 and listing the above named persons as inventors | | | | | | | |
| *************************************** | U.S. Patent No, issued, issued | | | | | | | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | International Patent Applisting the above named | ational Patent Application Serial Nog the above named persons as inventors | | | and | | | |
| obtained for to 35 USC | or said invention by the | above application or an reof, and any reissue, r | iding the right to claim priority by continuation, division, cont eexamination or extension of al Property; | inuation-in-part, exte | ension, conversion | | | |
| | <u>DR(S)</u> hereby covenants the last last the last last last last last last last last | | , agreement or encumbrance h | as been or will be ma | ade or entered into | | | |
| documents ASSIGNO execute an obtain, ma may be no | s relating to said invent OR and will testify as to ad deliver to ASSIGNEE aintain, issue or enforce s eccessary or desirable to | tion and said Letters the same in any inter- or its legal representation said application, said it carry out the purposes | upon its request, be provided Patent and legal equivalents ference, litigation, or proceed we any and all papers, instrument of the patential and said Letters Pater thereof. An attorney of receit the filing date and serial numbers. | as may be known ing relating thereto cents or affidavits req ent and said equivalent ord is authorized and | and accessible to and will promptly juired to apply for, ents thereof which I requested by the | | | |
| | | | Patents and Trademarks to in EE, The Regents of the Unive | | tent of the United | | | |
| executed t | his | | Signature of Inventor(s) |) | | | | |
| day | of | , 2010 | Jonathan Braun | | ······································ | | | |
| day | of | _, 2010 | Lynn K. Gordon | | | | | |
| <u>) </u> | of april | , 2010 | Kaori Shi@azaki | | | | | |
| day | of | | Madhuri Wadehra | | Andrichen sampur su _{in} a signife au a stifted ause | | | |
| day | of | | Anna M. Wu | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | |
| day | of | | Kathleen A Kelly | | | | | |
| assign doc | | | | | | | | |

PATENT REEL: 024518 FRAME: 0892