

## 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>
LEI ZHU	11/03/2005
WEN ZHOU	11/03/2005
ROBERT ETCHES	11/03/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ORIGEN THERAPEUTICS
<b>Street Address:</b>	1450 ROLLINS ROAD
<b>City:</b>	BURLINGAME
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94010-2307
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14224274
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	121424-01403
<b>NAME OF SUBMITTER:</b>	DEBORAH L. NAGLE
<b>SIGNATURE:</b>	/Deborah L. Nagle/
<b>DATE SIGNED:</b>	04/17/2015
<b>Total Attachments: 5</b>	
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, LEI ZHU, a citizen of the UNITED STATES, WEN ZHU, a citizen of the UNITED STATES and ROBERT ETCHES, a citizen of CANADA (hereinafter referred to as "ASSIGNORS"), and has invented and own a certain invention entitled TISSUE SPECIFIC EXPRESSION OF ANTIBODIES IN CHICKENS for which application for Letters Patent was filed on February 18, 2005, Serial No. 11/062,325; and

WHEREAS, ORIGEN THERAPEUTICS, a corporation organized and existing under and by virtue of the laws of the State of California and having its principal place of business at 1450 Rollins Road, Burlingame, CA 94010-2307 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

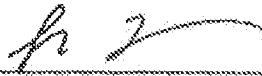
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to issue said patents and equivalents to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and that ASSIGNOR will testify as to the same in any interference or litigation related 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 and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at \_\_\_\_\_

this 3rd day of November, 2005.

  
\_\_\_\_\_  
Lei ZHU

STATE OF CALIFORNIA            )  
  ) ss  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared

personally known to me

- OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public in and for  
said County and State



