

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Roy Curtiss III	12/18/2009
Shifeng Wang	12/18/2009
Soo-Young Wanda	12/18/2009
Wei Kong	12/18/2009

RECEIVING PARTY DATA

Name:	The Arizona Board of Regents for and on behalf of Arizona State University
Street Address:	699 S. Mills Avenue
Internal Address:	Suite 601, Room 691AA
City:	Tempe
State/Country:	ARIZONA
Postal Code:	85281

Name:	The Washington University
Street Address:	One Brookings Drive
City:	St. Louis
State/Country:	MISSOURI
Postal Code:	63130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12615872

CORRESPONDENCE DATA

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**PATENT
 REEL: 023689 FRAME: 0343**

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ATTORNEY DOCKET NUMBER: 055743-403715

NAME OF SUBMITTER: Rebecca L. Endsley, Paralegal

Total Attachments: 6
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ASSIGNMENT

WHEREAS, Roy Curtiss, III; Shifeng Wang; Soo-Young Wanda; and Wei Kong; (hereinafter referred to as "ASSIGNOR"), own an invention (the "INVENTION") relating to an improvement in **REGULATED SYNTHESIS OF ANTIGEN AND/OR REGULATED ATTENUATION TO ENHANCE VACCINE IMMUNOGENICITY AND/OR SAFETY** (file No. 055743-403715 (M7-011)) and have executed an application for a United States patent based thereon Serial No. 126/15,872 filed November 10, 2009;

AND, WHEREAS, The Arizona Board of Regents for and on behalf of Arizona State University, a non-profit organization, having its principal place of business at 699 S. Mills Avenue, Suite 601, Room 691AA, Tempe, Arizona 85281; and The Washington University, a non-profit organization, having its principal place of business at One Brookings Drive, St. Louis, Missouri 63130 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, ASSIGNOR has agreed to and do hereby sell, assign, and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said INVENTION, said APPLICATION, any other United States application (including divisional, continuing, or reissue applications) based in whole or in part on said APPLICATION or in whole or in part on said INVENTION, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said INVENTION, and any and all patents (including extensions thereof) of any country which have been or

may be granted on any of the aforesaid applications or on said INVENTION or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had no sale and assignment of said interest been made;

AND ASSIGNOR hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said INVENTION or any part thereof, to said ASSIGNEE;

AND ASSIGNOR, their successors and assigns, hereby agree to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said INVENTION or any part thereof, and in and to said several patents or any of them;

AND ASSIGNOR hereby covenant and agree with said ASSIGNEE, its successors and assigns, that ASSIGNOR has granted no right or license to make, use, or sell said INVENTION, to anyone except said ASSIGNEE, that prior to the execution of this assignment, ASSIGNOR'S right, title and interest in said INVENTION have not been otherwise encumbered, and that ASSIGNOR has not executed and will not execute any instrument in conflict herewith.

Date 12-18-09

Sooyoung Wanda
SOO-YOUNG WANDA

ACKNOWLEDGMENT

STATE OF Arizona)
) SS.
COUNTY OF Maricopa)

On this 18th day of December, 2009, before me, a Notary Public, personally appeared SOO-YOUNG WANDA to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Melinda O'Dell
Notary Public

My Commission Expires: April 24 2012

_____ [SEAL]



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