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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Valerie Jacobs	08/19/2009

RECEIVING PARTY DATA

Name:	Arizona Board of Regents, a body corporate acting for and on behalf of Arizona State University
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City:	Scottsdale
State/Country:	ARIZONA
Postal Code:	85257-9908

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11663899

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NAME OF SUBMITTER: Susan Stone Rosenfield

Total Attachments: 3

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PATENT REEL: 023139 FRAME: 0056 11663899

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PATENT REEL: 023139 FRAME: 0057

ASSIGNMENT

Case No.: 04-997-US2 Serial No.: 11/663,899

Inventor(s): Laura L. Eggink, Valerie Jacobs, Srilakshmi Bysani and J. Kenneth Hoober

Filing Date: November 14, 2007

In consideration of good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

Arizona Board of Regents, a body corporate acting for and on behalf of Arizona State University

its successors and assigns, the entire right, title and interest in the invention and improvements of the undersigned disclosed in U.S. provisional patent application no. 60/633,825, PCT/US2005/0044215, and in U.S. Application Serial No. 11/663,899 entitled "Immunostimulatory Compositions and Uses Thereof",

and in said applications and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned warrants himself to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said applications and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vests all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made. Assignee shall compensate the undersigned at a reasonable rate for time actually spent at the assignee's request on such assistance, except for time spent in executing papers necessary for seeking or maintaining patent protection.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Kyrgyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland,

PATENT

REEL: 023139 FRAME: 0058

ASSIGNMENT

Serial No.: 11/663,899

Sweden, Switzerland, Tajikistan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this	day of	<u>, 2009</u> .	
	ī	Laura L. Eggink	
State of	—). T		
County of	· · · · · · · · · · · · · · · · · · ·		
The foregoing instrument was a	acknowledged befo	ore me this day of	
, <u>2009</u> by <u>Laura L. E</u>	<u>ggink</u>		
		NOTARY PUBLIC	
WITNESS my hand and seal this	day of Augu	45t, 2009.	
		Value My Valerie Jacobs	
State of New Hang	OshiRe		
County of Grafton			
The foregoing instrument was a	acknowledged befo	ore me thisl Ol+L day of	
August . 2009 by Valerie Jac			
		dillytuk	

ASHLEY RICKER, Notary Public My Commission Expires May 21, 2013

- 2 -

ASSIGNMENT

Serial No.: 11/663,899

WITNESS my hand and seal this day of, 2009.
Srilakshmi Bysani
State of
County of
The foregoing instrument was acknowledged before me this day of
, <u>2009</u> by <u>Srilakshmi Bysani</u> .
NOTARY PUBLIC
WITNESS my hand and seal this day of, 2009.
J. Kenneth Hoober
State of
County of
The foregoing instrument was acknowledged before me this day of
, 2009 by J. Kenneth Hoober.
NOTARY PUBLIC

- 3 -

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RECORDED: 08/24/2009