

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronggai Sun	11/07/2012
RECEIVING PARTY DATA	
Name:	Aeras Global TB Vaccine Foundation
Street Address:	1405 Research Blvd
Internal Address:	3rd Floor
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20850
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12618037
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ATTORNEY DOCKET NUMBER:	139268.00711
NAME OF SUBMITTER:	Catherine Hill
Total Attachments: 3 source=ExecutedAssignment-Sun#page1.tif source=ExecutedAssignment-Sun#page2.tif source=ExecutedAssignment-Sun#page3.tif	

OP \$40.00 12618037

**ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT**

*WHEREAS*, we:

NAME AND ADDRESS  
OF ASSIGNOR:

**Avigdor Shafferman** of Ness Ziona, Israel  
**Anat Zvi** of Gedera, Israel  
**Naomi Ariel** of Ness Ziona, Israel  
**John Fulkerson** of Silver Spring, Maryland  
**Ronggai Sun** of Ellicott City, Maryland  
**Rosemary Chang** of Bethesda, Maryland  
**Jerald C. Sadoff** of Washington, DC

(Hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled:

TITLE OF INVENTION:

***A NOVEL RECOMBINANT BCG TUBERCULOSIS VACCINE  
DESIGNED TO ELICIT IMMUNE RESPONSES TO  
MYCOBACTERIUM TUBERCULOSIS IN ALL PHYSIOLOGICAL  
STAGES OF INFECTION AND DISEASE***

(hereinafter referred to as INVENTION) for which application for Letters Patent of the United States was filed on November 27, 2007 and has been assigned US Patent Application Serial No: 11/945,680, and

*WHEREAS*:

FULL NAME AND ADDRESS  
OF ASSIGNEE:

***AERAS GLOBAL TB VACCINE FOUNDATION***  
1405 Research Blvd., 3<sup>rd</sup> Floor  
Rockville, Maryland 20850

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

***NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:*** Be it known that good and valuable consideration from ASSIGNEE to ASSIGNORS, the receipt of which is hereby acknowledged, ASSIGNORS hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term

or terms for which the same may be granted.

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

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 as may be known and accessible to ASSIGNORS and 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 and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNORS further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

DATE OF SIGNING:

*IN WITNESS WHEREOF, I/We have hereunto set hand and seal:*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Avigdor Shafferman

\_\_\_\_\_  
Date

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Anat Zvi

\_\_\_\_\_  
Date

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Naomi Ariel

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Date

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John Fulkerson

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07 NOV 2012

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Date

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*R Sun*  
Rongai Sun

\_\_\_\_\_  
Date

\_\_\_\_\_  
Rosemary Chang

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jerald Sadoff