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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Judith R. Stabel	09/12/2013
John P. Bannantine	09/12/2013

RECEIVING PARTY DATA

Name:	Th United States of America, as represented by the Secretary of Agriculture	
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City:	Washington	
State/Country:	DISTRICT OF COLUMBIA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14038077

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ATTORNEY DOCKET NUMBER:	0161.12
NAME OF SUBMITTER:	Sheri Whitehurst
Signature:	/Sheri Whitehurst/
Date:	09/26/2013

Total Attachments: 1

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PATENT REEL: 031291 FRAME: 0029

ASSIGNMENT

WHEREAS, we, Judith R. Stabel and John P. Bannantine residing at 3121 Sycamore Road, Ames, Iowa 50014 and 5417 Tennessee Street, Ames, Iowa 50014; respectively, having invented an improvement "Recombinant Mycobacterium Avium Subsp. Paratuberculosis Proteins Induce Immunity and Protect Against Infection" for which we have made application for Letters Patent of the United States, executed concurrently herewith and identified as Department of Agriculture Case No. 0161.12;

WHEREAS, the WORLDWIDE patent rights in our share of said invention are assignable to the United States by virtue of our having made the invention while in the employ of the United States Department of Agriculture and/or under applicable law and regulations of the United States Department of Agriculture which render the patent rights so assignable; and

WHEREAS, the United States, as represented by the Secretary of Agriculture, is desirous of acquiring an assignment of said patent rights;

NOW, THEREFORE, in consideration of these premises, we hereby assign said WORLDWIDE patent rights to the United States of America, as represented by the Secretary of Agriculture.

JUDITH R. STABEL

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Date

Rev. 04/2012

USDA Docket No. 0161.12