

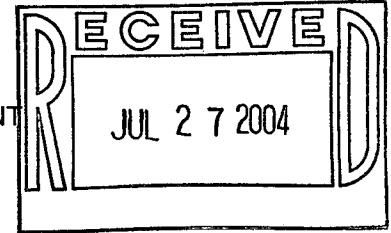
PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
UNIVERSITY OF MISSOURI COLUMBIA	07/22/2004
RECEIVING PARTY DATA	
Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980
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State/Country:	MARYLAND
Postal Code:	20892-7980
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10499407
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Total Attachments: 1 source=10499407-p0001 - p0002#page2.tif	

LICENSE TO THE UNITED STATES GOVERNMENT



This instrument confers to the United States Government, as represented by the National Institutes of Health, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention Title: "Cloning Transgenic Pigs"

Inventor(s): Randall Prather, Billy Day, Robert Hawley

U.S. Patent Application

Serial No.: 10/499,407

File Date: June 18, 2004

U.S. Patent Number:

Title: "Knockout Swine and Methods for Making the Same"

Country, if other
than United States:

PCT/US02/41287 filed December 23, 2002 designating all countries, including U.S.

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, NIH Grant No. DHHS 3 R01 RR13438-03S1.

Principal rights to this subject invention have been left with the Licensor: The Curators of the University of Missouri, subject to the provisions of 37 CFR 401 and 45 CFR 8.

Signed: _____

Date: _____

Typed Name: F. Terry Nixon

Title: Associate Director, Office of Technology & Special Projects

PATENT

RECORDED: 05/21/2008

REEL: 020978 FRAME: 0756