PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
Columbia, University of Missouri	08/01/2008

RECEIVING PARTY DATA

Name:	National Science Foundation
Street Address:	4201 Wilson Blvd
Internal Address:	Room 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11088603

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Total Attachments: 1

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PATENT REEL: 021697 FRAME: 0284

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LICENSE TO THE UNITED STATES GOVERNMENT

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

Invention Title: "Process for Production of Antifreeze from Glycerin"

Inventor(s): Galen J. Suppes U.S. Patent Application Number: Serial No.: 11/088,603

File Date: March 24, 2005

Title: "Method of Producing Lower Alcohols from Glycerol"

Country, if other than United States:

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, NSF Grant No. NSF STTR 0318781.

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.

Date: <u>C/1/0C</u>

Typed Name: Scott K. Uhlmann

RECORDED: 10/17/2008

Title: Associate Director, Intellectual Property Management, Office of Technology & Special Projects

PATENT REEL: 021697 FRAME: 0285