

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
University, Pennsylvania State	07/28/2008
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
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Total Attachments: 1 source=Conf_lic75753#page1.tif	

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REEL: 021698 FRAME: 0088

## LICENSE TO THE UNITED STATES GOVERNMENT

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

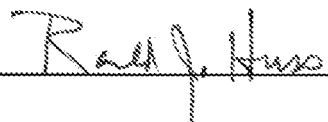
Invention Title: "Low Capital Investment Aseptic Bioreactor System"		
Inventor(s): Wayne R. Curtis		
Issued Patent No. 6,709,862	Filing Date: 6/12/2001	Country (if other than U.S.):
NSF Disclosure No.:		PSU Disclosure No.: 98-1886

This license will extend to all divisions or continuations of the patent application and all patents or re-issues which may be granted thereon.

The subject invention was made with Government support under Grant No. BES9522033, awarded by the National Science Foundation.

Principal rights to this subject invention have been left with the Assignee: The Penn State Research Foundation, subject to the provisions of the Patent Rights clause included in the above identified contract with National Science Foundation.

SIGNATURE and TITLE OF ASSIGNEE:

By:  Date: July 23, 2008  
Name: Ronald J. Huss Title: Director, Intellectual Property Off.  
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