### 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
Arizona State University	08/27/2010

#### **RECEIVING PARTY DATA**

Name:	National Science Foundation	
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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12672417

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Total Attachments: 1 source=2#page1.tif

PATENT 501394930 REEL: 025574 FRAME: 0418

# **Arizona State University Confirmatory License**

Invention Title:	Intimate Coupling of Photobiocatalysis in a Photocatalytic Circulating-Bed Biofilm Reactor (PCBBR)
Inventor(s):	Bruce Rittmann, Michael Marsolek
Patent or Application Serial No.	12/672,417
U.S. Filing/Issue Date:	2/5/10
Grant/Contract Number(s):	BES0402510
Foreign Applications filed/intended in (countries):	

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the United States Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Date: 8/27/10

By: Khera Douglass

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PATENT REEL: 025574 FRAME: 0419

**RECORDED: 01/03/2011**