### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Mary Anne Alvin	07/03/2007

#### **RECEIVING PARTY DATA**

Name:	U.S. Department of Energy		
Street Address:	1000 Independence Avenue, S.W.		
Internal Address:	GC-62, 6F-048		
City:	Washington		
State/Country:	DISTRICT OF COLUMBIA		
Postal Code:	20585-0162		

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11756049	

#### **CORRESPONDENCE DATA**

Fax Number: (202)586-7127

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: katherine.baldwin@hq.doe.gov

Correspondent Name: Katherine Baldwin

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Address Line 2: GC-62, 6F-048

Address Line 4: Washington, DISTRICT OF COLUMBIA 20585-0162

ATTORNEY DOCKET NUMBER: \$-109,406

NAME OF SUBMITTER: Katherine Baldwin

Total Attachments: 1

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PATENT REEL: 024153 FRAME: 0501

## U.S. DEPARTMENT OF ENERGY PATENT ASSIGNMENT FORM

WHEREAS, I, Mary Anne Alvin, a citizen of the United States residing in Pittsburgh, County of Allegheny, State of Pennsylvania, have invented certain new and useful improvements in Thermal Barrier Coatings, for which I am about to file an application for United States Letters Patent identified as S-109.406, and executed by me on 7/3/2007; and;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to me in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, I by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

I agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the United States Department of Energy or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and I agree that I will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:	Verlag	INVEN Ma <i>ro</i> date		(SEAL)
Approved ATTEST:	and the state of t	day of	, 2007	
(SEAL)		By		

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

By

Assistant General Counsel for Technology Transfer and Intellectual Property

MAR 2 9 2010

PATENT REEL: 024153 FRAME: 0502

**RECORDED: 03/29/2010**