

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Emily A. Carter</td> <td>08/15/2008</td> </tr> <tr> <td>Ivan Milas</td> <td>08/15/2008</td> </tr> </tbody> </table>		Name	Execution Date	Emily A. Carter	08/15/2008	Ivan Milas	08/15/2008
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Emily A. Carter	08/15/2008						
Ivan Milas	08/15/2008						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	The Trustees of Princeton University						
<b>Street Address:</b>	4 New South Building						
<b>City:</b>	Princeton						
<b>State/Country:</b>	NEW JERSEY						
<b>Postal Code:</b>	08544						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12194813</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12194813		
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Application Number:	12194813						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(609)631-2401						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	(609) 631-2435						
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<b>Address Line 1:</b>	100 American Metro Boulevard						
<b>Address Line 2:</b>	Suite 150						
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<b>ATTORNEY DOCKET NUMBER:</b>	Y2098-11401						
<b>NAME OF SUBMITTER:</b>	Won Joon Kouh/						
<b>Total Attachments: 2</b> source=Y2098-11401assignment#page1.tif source=Y2098-11401assignment#page2.tif							

CH \$40.00 12194813

**PATENT**

**500626933**

**REEL: 021421 FRAME: 0391**

**ASSIGNMENT**

WHEREAS, the undersigned, **Emily A. Carter**, a citizen of the United States residing at 31 Wellington Ct, Belle Mead, NJ 08502, United States and **Ivan Milas**, a citizen of the Republic of Croatia, residing at 768 Springfield Ave., Apt. A9, Summit, NJ 07901, United States (hereinafter referred to as "ASSIGNORS"), are the inventors of certain invention or improvements for **BARIUM-DOPED BOND COAT FOR THERMAL BARRIER COATINGS** for which they have, on the date indicated below next to their signatures, executed an application for Letters Patent of the United States; and

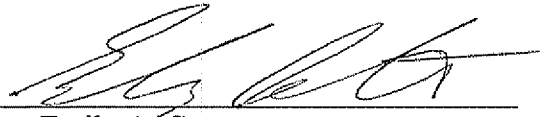
WHEREAS, **The Trustees of Princeton University**, a United States non-profit entity, having a principal place of business at 4 New South Building, Princeton, New Jersey 08544, United States (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to the said invention or improvements and in and to said application for patent, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States or in any other country;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE the entire right, title and interest in and to said invention or improvements and said application and any and all continuations, divisions, and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and its possessions and territories and in all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, sale and transfer not been made;

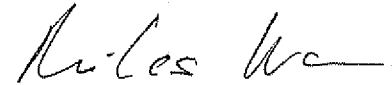
AND the undersigned ASSIGNORS hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith, and further covenant and agree that they will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention or improvements, said application and said Letters Patent in said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and agree to communicate to said ASSIGNEE or to its nominees all known facts respecting said invention or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, and reissue applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce, for its own benefit, proper patent protection for said invention or improvements in the United States and its possessions and territories and in all other countries;

AND ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue to said ASSIGNEE the entire right, title and interest, in and to any and all Letters Patent for said invention or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

Date: 8/15/08

By:   
Emily A. Carter

Date: 08/15/08

By:   
Ivan Milas