

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andrea Bolz</td> <td>09/16/2009</td> </tr> <tr> <td>Eckart Schumann</td> <td>09/09/2009</td> </tr> <tr> <td>Ramesh Subramanian</td> <td>05/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Andrea Bolz	09/16/2009	Eckart Schumann	09/09/2009	Ramesh Subramanian	05/14/2009		
Name	Execution Date										
Andrea Bolz	09/16/2009										
Eckart Schumann	09/09/2009										
Ramesh Subramanian	05/14/2009										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Siemens Aktiengesellschaft</td> </tr> <tr> <td>Street Address:</td> <td>Wittelsbacherplatz 2</td> </tr> <tr> <td>City:</td> <td>Muenchen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80333</td> </tr> </table>		Name:	Siemens Aktiengesellschaft	Street Address:	Wittelsbacherplatz 2	City:	Muenchen	State/Country:	GERMANY	Postal Code:	80333
Name:	Siemens Aktiengesellschaft										
Street Address:	Wittelsbacherplatz 2										
City:	Muenchen										
State/Country:	GERMANY										
Postal Code:	80333										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12471710</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12471710						
Property Type	Number										
Application Number:	12471710										
CORRESPONDENCE DATA											
<p>Fax Number: (407)736-6440 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4077367064 Email: ann.hickey@siemens.com</p> <p>Correspondent Name: ELSA KELLER</p> <p>Address Line 1: SIEMENS CORPORATION - IP DEPT Address Line 2: 170 WOOD AVENUE SOUTH Address Line 4: ISELIN, NEW JERSEY 08830</p>											
ATTORNEY DOCKET NUMBER:	2008P01501US										
NAME OF SUBMITTER:	JANET D. HOOD										
<p>Total Attachments: 4 source=AssignmentPage1#page1.tif</p>											

CH \$40.00 12471710

500973369

PATENT
REEL: 023289 FRAME: 0647

source=AssignmentPage2#page1.tif
source=AssignmentPage3#page1.tif
source=AssignmentPage4#page1.tif

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Andrea Bolz
residing at:
Lohrer Pfad 28
13591 Berlin
GERMANY

Dr. Eckart Schumann
residing at:
Scharpenberg 113
45468 Mülheim an der Ruhr
GERMANY

Dr. Ramesh Subramanian
residing at:
2936 Bayhead Run
32765 Oviedo, Florida
UNITED STATES OF AMERICA

residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft	
a German corporation	a German corporation
organized and existing under the laws of GERMANY	organized and existing under the laws of
having its (their) principal place of business in München; GERMANY	having its (their) principal place of business in ;

herein the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Ceramic thermal barrier coating system with two ceramic layers**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2008P01501 US

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States

IDNR: 2589 / 22.06.2007

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee(s), its (their) successor(s), assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee(s), its (their) successor(s), assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee(s), its (their) successor(s), assigns, and legal representatives; and hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 16.09.2009

A. Bolz
Andrea Bolz

Witnesses: Khaled Maiz
(printed name: KHALED MAIZ)

Witnesses: K. Bergander
(printed name: Katharina Bergander)

Date: _____

Dr. Eckart Schumann

Witnesses: _____

Witnesses: _____

(printed name: _____)

(printed name: _____)

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee(s), its (their) successor(s), assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee(s), its (their) successor(s), assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee(s), its (their) successor(s), assigns, and legal representatives; and hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____

Andrea Bolz

Witnesses: _____

Witnesses: _____

(printed name: _____)

(printed name: _____)

Date: 2009-09-09

E. Schumann
Dr. Eckart Schumann

Witnesses: Ralf Kersch

Witnesses: Simon Bez

(printed name: Knut Holberstadt)

(printed name: Simon Bez)

4

Date: May 14 2009

Ramesh

2008P01501 US

Dr. Ramesh Subramanian

Witnesses: Gail M. Campbell
(printed name: Gail M. Campbell)

Witnesses: _____
(printed name: _____)

Date: _____

Witnesses: _____
(printed name: _____)

Witnesses: _____
(printed name: _____)

Date: _____

Witnesses: _____
(printed name: _____)

Witnesses: _____
(printed name: _____)