

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4229720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT J. SHINAVSKI	04/18/2016
SUNGBO SHIM	04/05/2016
STEPHEN I. HARRIS	04/12/2016
SEAN E. LANDWEHR	01/18/2017
RECEIVING PARTY DATA	
Name:	ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC.
Street Address:	18411 GOTHARD STREET, UNIT B
City:	HUNTINGTON BEACH
State/Country:	CALIFORNIA
Postal Code:	92648
Name:	ROLLS-ROYCE CORPORATION
Street Address:	450 S. MERIDIAN STREET
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46225
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15049712
CORRESPONDENCE DATA	
Fax Number:	(317)231-7433
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	aholt@btlaw.com
Correspondent Name:	BARNES & THORNBURG LLP
Address Line 1:	11 S. MERIDIAN STREET
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	27163-245643/HTC11357
NAME OF SUBMITTER:	SAMUEL C. GIESTING
SIGNATURE:	/SCG/

DATE SIGNED:	01/18/2017
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Total Attachments: 8

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ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 27163-245643
Client Reference No.: HTC11357

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged,

Name(s) of Inventor(s) Robert J. Shinavski

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application METHOD FOR INCORPORATING REFRACTORY METAL ELEMENT INTO CERAMIC MATRIX COMPOSITE

Serial No.: 15/049,712
Filing Date: 02/22/2016

the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to

Name of Assignee Rolls-Royce High Temperature Composites, Inc.

Address of Assignee Business 18411 Gothard Street Unit B
Huntington Beach, CA 92648

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of California

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

The Assignors agree to execute any and all papers in connection with the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, and any Letters Patent issuing therefrom, and also to execute separate assignments as the Assignee may deem necessary or desirable.

The Assignors agree to execute any and all papers in connection with any litigation or any administrative proceeding concerning the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, or any Letters Patent issuing therefrom, and also to cooperate with the Assignee in every way possible in obtaining evidence and participating in any such litigation or proceeding.

The Assignors agree to execute any and all papers and to perform any and all acts which the Assignee may deem necessary or desirable in view of the provisions of the Patent Cooperation Treaty, the International Convention for Protection of Industrial Property, or similar agreements.

The Assignors agree to perform any and all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire patent protection, with specifications and claims in such form as shall be approved by Assignee, and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The Assignors hereby covenant that they have the full right to convey the interests herein assigned, and that the Assignors have not executed, and will not execute, any agreement in conflict herewith.

The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

18 APR 2016
Date


Inventor (Signature)

Robert J. Shinavski
Inventor (Printed Name)

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 27163-245643
Client Reference No.: HTC11357

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged,

Name(s) of Inventor(s) Sangbo Shim

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application METHOD FOR INCORPORATING REFRACTORY METAL ELEMENT INTO CERAMIC MATRIX COMPOSITE

Serial No.: 15/049,712
Filing Date: 02/22/2016

the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to

Name of Assignee Rolls-Royce High Temperature Composites, Inc.

Address of Assignee Business 1841 Gothard Street Unit B
Huntington Beach, CA 92648

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of California

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

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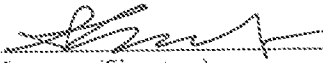
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The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

4/5/16
Date


Inventor (Signature)

Sungbo Shim
Inventor (Printed Name)

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 27163-245643
Client Reference No.: HTCI1357

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged,

Name(s) of Inventor(s) Stephen I. Harris

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application METHOD FOR INCORPORATING REFRACTORY METAL ELEMENT INTO CERAMIC MATRIX COMPOSITE

Serial No.: 15/049,712
Filing Date: 02/22/2016

the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to

Name of Assignee Rolls-Royce High Temperature Composites, Inc.

Address of Assignee Business 18411 Gothard Street Unit B
Huntington Beach, CA 92648

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of California

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

The Assignors agree to execute any and all papers in connection with the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, and any Letters Patent issuing therefrom, and also to execute separate assignments as the Assignee may deem necessary or desirable.

The Assignors agree to execute any and all papers in connection with any litigation or any administrative proceeding concerning the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, or any Letters Patent issuing therefrom, and also to cooperate with the Assignee in every way possible in obtaining evidence and participating in any such litigation or proceeding.

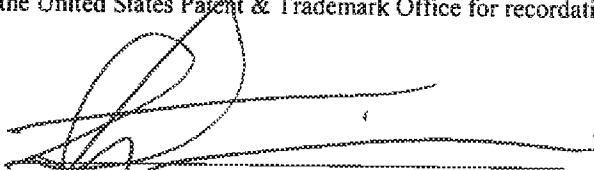
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The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

04/12/2016
Date


Inventor (Signature)

Stephen I. Harris
Inventor (Printed Name)

ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 27163-245643
Client Reference No.: HTC11357

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged,

Name(s) of Inventor(s) Sean E. Landwehr

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application METHOD FOR INCORPORATING REFRACTORY METAL ELEMENT INTO CERAMIC MATRIX COMPOSITE

Serial No.: 15/049,712
Filing Date: 02/22/2016

the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to

Name of Assignee Rells-Royce Corporation

Address of Assignee Business 450 S. Meridian Street
Indianapolis, Indiana 46225

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Delaware

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

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1/18/17

Date



Inventor (Signature)

Sean E. Landwehr

Inventor (Printed Name)