503808634 05/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3855282

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEAN E. LANDWEHR	07/10/2015
SCOTT NELSON	05/13/2015
JACQUE S. BADER	06/24/2015

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE CORPORATION
Street Address:	450 S. MERIDIAN STREET
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46225-1103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15144367

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 651-735-1100

Email: pairdocketing@ssiplaw.com

Correspondent Name: SHUMAKER & SIEFFERT, P.A. ROLLS-ROYCE CO

Address Line 1: 1625 RADIO DRIVE

Address Line 2: SUITE 300

Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1106-153US01/RCA11482
NAME OF SUBMITTER:	NANCY J. BURR
SIGNATURE:	/Nancy J. Burr/
DATE SIGNED:	05/02/2016

Total Attachments: 6

source=2016_05_02_RCA11482_US_1106-153US01_Assignment#page1.tif source=2016_05_02_RCA11482_US_1106-153US01_Assignment#page2.tif source=2016_05_02_RCA11482_US_1106-153US01_Assignment#page3.tif

PATENT 503808634 REEL: 038438 FRAME: 0359

source=2016_05_02_RCA11482_US_1106-153US01_Assignment#page4.tif source=2016_05_02_RCA11482_US_1106-153US01_Assignment#page5.tif source=2016_05_02_RCA11482_US_1106-153US01_Assignment#page6.tif

PATENT REEL: 038438 FRAME: 0360 Attorney Docket No.: 1106-153USP1/1106-153US01 - Assignment

ASSIGNMENT

For valuable consideration, we, Sean E. Landwehr of 1920 Shadowridge Run, Avon, IN 46123, Scott Nelson of 254 4th St. NW, Carmel, IN 46032 and Jacque S. Bader of 1174 Hinson Road, Martinsville, IN 46151 hereby assign to: Rolls-Royce Corporation, having a place of business at: 450 S. Meridian Street, Indianapolis, IN 46225-1103 and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, BRAZE FOR CERAMIC AND CERAMIC MATRIX COMPOSITE COMPONENTS, filed May 2, 2016 _____, and assigned U.S. Serial Number 15/144,367 ; this assignment including said application, any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. We hereby authorize Rolls-Royce Corporation, its employees, and its legal representatives to fill in the serial number and filing date above after this document has been executed.

1106-153USP1/1106-153US01 - Assignment

Date:	Digitally signed by Landwehr, Sean DN: dc=Local, dc=Rolls Royce, ou=AMER, ou=Aero, ou=USA, ou=Indianapolis, ou=Users Windows 7, oü=Defence Aero, cn=Landwehr, Sean Date: 2015.07.10 10:27:47-04'00'
	Sean E. Landwehr
TD	
Date:	Scott Nelson
Date:	
	Jacque S. Bader

RCA11482 2

Attorney Docket No.: 1106-153USP1/1106-153US01 - Assignment

<u>ASSIGNMENT</u>

For valuable consideration, we, Sean E. Landwehr of 1920 Shadowridge Run, Avon, IN 46123, Scott Nelson of 254 4th St. NW, Carmel, IN 46032 and Jacque S. Bader of 1174 Hinson Road, Martinsville, IN 46151 hereby assign to: Rolls-Royce Corporation, having a place of business at: 450 S. Meridian Street, Indianapolis, IN 46225-1103 and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, BRAZE FOR CERAMIC AND CERAMIC MATRIX COMPOSITE COMPONENTS, filed May 2, 2016 , and assigned U.S. Serial Number 15/144,367 _; this assignment including said application, any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. We hereby authorize Rolls-Royce Corporation, its employees, and its legal representatives to fill in the serial number and filing date above after this document has been executed.

RCA11482

1106-153USP1/1106-153US01 - Assignment

Date:	Scan E. Landwehr
Date: <u>5/13/2015</u>	Jan Me Scott Nelson
Date:	Jacque S. Bader

RCA11482

2

PATENT REEL: 038438 FRAME: 0364 Attorney Docket No.: 1106-153USP1/1106-153US01 - Assignment

ASSIGNMENT

For valuable consideration, we, Sean E. Landwehr of 1920 Shadowridge Run, Avon, IN 46123, Scott Nelson of 254 4th St. NW, Carmel, IN 46032 and Jacque S. Bader of 1174 Hinson Road, Martinsville, IN 46151 hereby assign to: Rolls-Royce Corporation, having a place of business at: 450 S. Meridian Street, Indianapolis, IN 46225-1103 and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, BRAZE FOR CERAMIC AND CERAMIC MATRIX COMPOSITE COMPONENTS, filed May 2, 2016, and assigned U.S. Serial Number 15/144,367 ; this assignment including said application, any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. We hereby authorize Rolls-Royce Corporation, its employees, and its legal representatives to fill in the serial number and filing date above after this document has been executed.

RCA11482

1106-153USP1/1106-153US01 - Assignment

Date:	
	Sean B. Landwehr
Date:	
	Scott Nelson
Date: 62415	COUL NOWOW
	Jacque S. Barger

RCA11482

2

PATENT REEL: 038438 FRAME: 0366