506303121 10/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNGBO SHIM	10/02/2020
PATHIKUMAR SELLAPPAN	10/02/2020

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES INC.
Street Address:	5730 KATELLA AVE.
City:	CYPRESS
State/Country:	CALIFORNIA
Postal Code:	90630

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17070148

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	15448-798 HTC12464USORD
NAME OF SUBMITTER:	MICHAEL E. HUSSEY
SIGNATURE:	/Michael E Hussey/
DATE SIGNED:	10/14/2020

Total Attachments: 2

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PATENT 506303121 REEL: 054053 FRAME: 0580

15448-798 (HTC12464USORD)

ASSIGNMENT

WHEREAS, <u>Sungbo Shim</u>, and <u>Pathikumar Sellappan</u>, hereinafter called the "Assignors", have made the invention described in the United States Patent Application filed herewith, entitled <u>METHOD TO PRODUCE A CERAMIC MATRIX COMPOSITE BY TAPE MELT INFILTRATION</u>, executed by Assignors on the same date as, or on a date prior to, this Assignment.

WHEREAS, Rolls-Royce High Temperature Composites Inc., a corporation organized and existing under the laws of the State of California, having a place of business at 5730 Katella Ave., Cypress, California, 90630, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent applications identified above, and all patents which may be obtained for said invention, as set forth below:

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is acknowledged, the Assignors have sold, assigned and transferred, and by these presents sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in the invention and the patent application identified above, and any patents that may issue for the invention in the United States; with the entire right, title and interest in the invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; with the entire right, title and interest in all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

HTC12464USORD - 1 - PATENT REEL: 054053 FRAME: 0581

15448-798 (HTC12464USORD)

The Assignors covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee exclusive title in all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	October 2, 2020	Sungbo Shim	
		Sungbo Shim	
DATED:	October 2, 2020	- pathikumov	
		Pathikumar Sellappan	