PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7468617

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| JEFFREY CRUTCHFIELD | 07/12/2022 |
| PATHIKUMAR SELLAPPAN | 08/03/2022 |
| CHRIS DOWNIE | 07/11/2022 |
| CHRIS MARA | 07/12/2022 |
| SUNGBO SHIM | 07/12/2022 |

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: | 17871401 |

CORRESPONDENCE DATA

Fax Number: (317)634-6701

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.

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Address Line 4: INDIANAPOLIS, INDIANA 46204

| ATTORNEY DOCKET NUMBER: | 515448.5001191 2022P00168 | |
|-------------------------|---------------------------|--|
| NAME OF SUBMITTER: | SANDERS N. HILLIS | |
| SIGNATURE: | /sandersnhillis/ | |
| DATE SIGNED: | 08/04/2022 | |

Total Attachments: 2

PATENT REEL: 060717 FRAME: 0362 source=515448_5001191_Assignment#page1.tif source=515448_5001191_Assignment#page2.tif

PATENT REEL: 060717 FRAME: 0363

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ASSIGNMENT

WHEREAS, Jeffrey Crutchfield, Pathikumar Sellappan, Chris Downie, Chris Mara, and Sungbo Shim, hereinafter called the "Assignors", have made the invention described in the United States Patent Application filed herewith, entitled Method of Producing Machined CMC Surfaces without Exposing Fiber, 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.

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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.

DocuSigned by:

| DATED: | 12 July 2022 | Jeffrey Crutchfield |
|--------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DATED: | 03 August 2022 | Pathikumar Sellappan |
| DATED: | 11 July 2022 | DocuSigned by: On the state of |
| DATED: | 12 July 2022 | Chris Mara |
| DATED: | 12 July 2022 | DocuSigned by: Ee45E7EB01E3414 Sungbo Shim |

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