PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY F. RHODES	12/22/2021
BRETT BARKER	02/25/2022
ERIC KOENIG	01/04/2022

RECEIVING PARTY DATA

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State/Country:	INDIANA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17559803

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	515448.5001157
NAME OF SUBMITTER:	LAINE M. GONZALEZ
SIGNATURE:	/Laine M Gonzalez/
DATE SIGNED:	04/11/2022

Total Attachments: 2

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PATENT REEL: 059562 FRAME: 0477 507226331

Case No. 515448.5001157 (2021P00402US)

<u>ASSIGNMENT</u>

WHEREAS, <u>Jeffrey F. Rhodes</u>, <u>Brett Barker</u>, and <u>Eric Koenig</u>, the "Assignors", have made the invention described in the United States patent application entitled <u>ENDWALL COOLING SCHEME</u>, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, Rolls-Royce Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 450 S. Meridian Street, Indianapolis, IN 46225, the "Assignee", desires to acquire the entire right, title and interest in the invention and the patent application identified above, and all patents which may be obtained for the 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.

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

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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 authorized and requested to issue patents to the Assignee under the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DocuSigned by:

DATED:	22 December 2021	John of Mish
		Jeffrey F. Rhodes
DATED:	25 February 2022	Butt Bull
		Brett Barker
DATED	04 January 2022	Docusigned by: Joen US CHARCECOSESFFACE
		Eric Koenig