PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7831917

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAN W. SMITH	03/02/2023
SARA KARAFFA	03/06/2023

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.
Street Address:	2059 S. TIBBS AVENUE
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46241

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18179651

CORRESPONDENCE DATA

Fax Number: (651)735-1102

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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Email: pairdocketing@ssiplaw.com **Correspondent Name:** SHUMAKER & SIEFFERT, P.A.

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Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1106-690US01/2022P00450	
NAME OF SUBMITTER:	SUBMITTER: ANGELA D. MALIK LUCK	
SIGNATURE:	/Angela D. Malik Luck/	
DATE SIGNED:	03/07/2023	

Total Attachments: 1

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PATENT 507784789 REEL: 062906 FRAME: 0451

Attorney Docket No.:1106-690US01

ASSIGNMENT

	A STATE THE ACTUAL ACTU
For valuable consideration, we, A	Alan W. Smith of 2059 S. Tibbs Avenue, Indianapolis, IN 46241
and Sara Karaffa of 2059 S. Tibb	os Avenue, Indianapolis, IN 46241, hereby assign to: Rolls-
Royce North American Technology	ogies, Inc., having a place of business at: 2059 S. Tibbs Avenue,
Indianapolis, IN 46241, United S	States of America and its successors and assigns (collectively
hereinafter called "the Assignee"	') the entire right, title and interest throughout the world in the
inventions and improvements wh	nich are the subject of an application for United States Patent
signed by us, entitled EMBEDD	ED ELECTRIC MACHINE OF GAS TURBINE ENGINE, filed
March 7, 2023	, and assigned U.S. Serial Number 18/179,651
this assignment including said ap	oplication, (and do hereby authorize the Assignee and its
representative to hereafter add he	erein such application number(s) and/or filing date(s) when
known), any provisional, non-pro	ovisional, continuation, continuation-in-part, divisional, reissue,
renewal, extension or other appli	cation for any of said inventions or improvements, any and all
United States and foreign patents	s, 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 Internation	al Convention for the Protection of Industrial Property, the
Patent Cooperation Treaty, the E	uropean Patent Convention, and all other treaties of like
purposes and we authorize the A	ssignee to apply in all countries in our name or in its own name
for patents, utility models, design	n registrations and like rights of exclusion and for inventors'
certificates for said inventions ar	nd improvements; and we agree for ourselves and our respective
heirs, legal representatives and a	ssigns, without further compensation to perform such lawful act
and to sign such further applicati	ons, assignments, Preliminary Statements and other lawful
documents as the Assignee may	reasonably request to effectuate fully this assignment.
May 2 2022	, , , , , iš
Date: Mar 2, 2023	Alan W. Smith
	Aum W. Dillilli
_{Date:} Mar 6, 2023	Ina Knoffer
Lewes,	Sara Karaffa

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RECORDED: 03/07/2023

PATENT REEL: 062906 FRAME: 0452