507930777 05/30/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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AARON D. SIPPEL	06/14/2021
DAVID J. THOMAS	06/14/2021

RECEIVING PARTY DATA

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Street Address:	450 S. MERIDIAN STREET
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46225

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17960529

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER: 27163-372791/2021P00165

NAME OF SUBMITTER: SAMUEL C. GIESTING

SIGNATURE: /SCG/

DATE SIGNED: 05/30/2023

Total Attachments: 3

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PATENT 507930777 REEL: 063790 FRAME: 0521

		Attorney Docket No. 27163- Client Reference No. 202	
		ASSIGNMENT FOR SINGLE ASSIGNEE	
This do	ocument is directed to: the attached patent docum the below identified paten		
	DOCUMENT NUMBER	TITLE	FILED
	17/351,471	TURBINE SHROUD ASSEMBLY WITH FORWARD AND AFT PIN SHROUD ATTACHMENT	06/18/2021
is desir patent aboved PROPI NOW, assign, (includ Treatie Patent continual I hereball fore right, ti full end assigned Further INTEL cooper. PROPI execute rightful proper I hereb necessa	450 S. Meridian Street, In our of acquiring the entire rapplication(s) related to the referenced patent document ERTY"), and further in and THEREFORE, for good an and set over to ASSIGNEE ing the right to claim priori s and Arrangements from the granted on the INTELLECT actions, substitutions, and residuations, substitutions, and residuations are substitutions and to the lot of the term for which the lot of the term for which the lot, and that the undersigned and that the undersigned are in every way possible in ERTY. I agree to execute a set all necessary assignment ploaths, and generally do every grant the attorney of records.	(hereinafter "ASSIGNEE"), having a place of business dianapolis, IN 46225 right, title, and interest in and to the above-referenced patent document(s), and/or all subject matter (s) and/or the related priority patent application(s) (hereinafter "to any Letters Patent granted from the INTELLECTUAL PROP d valuable consideration, the sufficiency of which is acknowled to the full and exclusive right to the INTELLECTUAL PROPER ty under the terms of the International Convention and other release application) and the entire right, title, and interest in and to an fual PROPERTY worldwide and in and to any and all division	comment(s), all priority disclosed in the INTELLECTUAL ERTY worldwide; ged, I hereby sell, TY worldwide evant International my and all Letters hals, reissues, sessions and any and assignee of my entire rs and assigns, to the d have been held by ey the interest herein ct herewith. Ling the TUAL PROPERTY, LECTUAL assue applications, assignee, make all to obtain and enforce on which may be
	<u> </u>	R: <u>Ted J. Freeman</u>	***************************************
Signat	nre:	LMAN 6/11/2021 Date:	
DMS 1236	58025v1		ENIT -

REEL: 063790 FRAME: 0522

		Attorney Docket No. <u>27163-3</u> Client Reference No. <u>202</u>	
		ASSIGNMENT FOR SINGLE ASSIGNEE	
☐ the	This document is directed to: the attached patent document(s) and/or the below identified patent document(s):		
1	OCUMENT UMBER	TITLE	FILED
	17/351,471	TURBINE SHROUD ASSEMBLY WITH FORWARD AND AFT PIN SHROUD ATTACHMENT	06/18/2021
a cor 450 is desirous of patent applications of patent applications. The patent grand (including the Treaties and Patent grand continuation. I hereby autiall foreign oright, title, a full end of the had this assigned, ar Further, I again the proper grand in the proper grand of the proper protection. I hereby grand proper protection. The proper grand grand proper grand	cation(s) related to the enced patent document ("), and further in and (REFORE, for good an set over to ASSIGNEE the right to claim prioril Arrangements from the INTELLECT as, substitutions, and remains to issue any a und interest in and to the term for which the I assignment and sale not that the undersigned (gree to communicate to TUAL PROPERTY, and every way possible in (I). I agree to execute after the execute after th	(hereinafter "ASSIGNEE"), having a place of business dianapolis, IN 46225 right, title, and interest in and to the above-referenced patent doc above-referenced patent document(s), and/or all subject matter of (s) and/or the related priority patent application(s) (hereinafter "to any Letters Patent granted from the INTELLECTUAL PROP dd valuable consideration, the sufficiency of which is acknowled by the full and exclusive right to the INTELLECTUAL PROPER ty under the terms of the International Convention and other release application) and the entire right, title, and interest in and to an artual PROPERTY worldwide and in and to any and all division mewals thereof. Patent Office officials in the United States and its territorial position all of the Letters Patent, when granted, to ASSIGNEE as the same, for the sole use and benefit of ASSIGNEE, its successor Letters Patent are granted, as fully and entirely as the same would be been made and hereby covenants that I have full right to conv. has not executed, and will not execute, any agreement in conflict ASSIGNEE or its representatives any facts known to me regard will testify in any legal proceeding regarding the INTELLECT obtaining evidence in support of rights associated with INTELL II papers for divisional, continuation, substitute, renewal, and reist papers to cause any and all of the Letters Patent to be issued to A derything possible to aid ASSIGNEE, its successors and assigns, ECTUAL PROPERTY worldwide. Assignment any further identification comply with the rules of the United States Patent and Trademark comply with the rules of the United States Patent and Trademark	cument(s), all priority disclosed in the INTELLECTUAL ERTY worldwide; ged, I hereby sell, TY worldwide evant International ay and all Letters hals, reissues, sessions and any and assignee of my entire is and assigns, to the d have been held by ey the interest herein of therewith. Ling the TUAL PROPERTY, LECTUAL ssue applications, SSIGNEE, make all to obtain and enforce on which may be office for

REEL: 063790 FRAME: 0523

	Attorney Docket No. <u>27163-</u> Client Reference No. <u>202</u>	
	ASSIGNMENT FOR SINGLE ASSIGNEE	
This document is directed to: the attached patent d the below identified	locument(s) and/or	
DOCUMENT NUMBER	TITLE	FILED
17/351,471	TURBINE SHROUD ASSEMBLY WITH FORWARD AND AFT PIN SHROUD ATTACHMENT	06/18/2021
WHEREAS, Rolls-Royce	e Corporation	
a corporation	(hereinafter "ASSIGNEE"), having a place of business eet, Indianapolis, IN 46225	at
is desirous of acquiring the en patent application(s) related t above-referenced patent docu	ntire right, title, and interest in and to the above-referenced patent doctoon to the above-referenced patent document(s), and/or all subject matter ament(s) and/or the related priority patent application(s) (hereinafter "a and to any Letters Patent granted from the INTELLECTUAL PROP	disclosed in the INTELLECTUAL
assign, and set over to ASSIC (including the right to claim I Treaties and Arrangements fr	od and valuable consideration, the sufficiency of which is acknowled GNEE, the full and exclusive right to the INTELLECTUAL PROPER priority under the terms of the International Convention and other relevant the application) and the entire right, title, and interest in and to an LECTUAL PROPERTY worldwide and in and to any and all division and renewals thereof.	TY worldwide evant International by and all Letters
all foreign countries to issue right, title, and interest in and full end of the term for which me had this assignment and s	st the Patent Office officials in the United States and its territorial pos- any and all of the Letters Patent, when granted, to ASSIGNEE as the I to the same, for the sole use and benefit of ASSIGNEE, its successor in the Letters Patent are granted, as fully and entirely as the same would sale not been made and hereby covenants that I have full right to conv- igned has not executed, and will not execute, any agreement in conflic-	assignee of my entire rs and assigns, to the d have been held by ey the interest herein
INTELLECTUAL PROPER cooperate in every way possi PROPERTY. I agree to execute all necessary assignment rightful oaths, and generally of the cooperation of the cooper	rate to ASSIGNEE or its representatives any facts known to me regard TY, and will testify in any legal proceeding regarding the INTELLEC ble in obtaining evidence in support of rights associated with INTEL oute all papers for divisional, continuation, substitute, renewal, and reinent papers to cause any and all of the Letters Patent to be issued to A do everything possible to aid ASSIGNEE, its successors and assigns, TELLECTUAL PROPERTY worldwide.	TUAL PROPERTY LECTUAL ssue applications, SSIGNEE, make all
	record the power to insert on this assignment any further identification recomply with the rules of the United States Patent and Trademark at.	
LEGAL NAME OF INVEN	NTOR: David J. Thomas	***************************************
DocuSigno	ed by:	
Signature: Vawa	J. Tuomas 6/14/2021 Date:	

RECORDED: 05/30/2023 REEL: 063790 FRAME: 0524