

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAIK ORBAY	05/29/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VOLVO CAR CORPORATION
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<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	SE-405 31
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17330644
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<b>ATTORNEY DOCKET NUMBER:</b>	P2812US00/VCCP163US
<b>NAME OF SUBMITTER:</b>	DEIDRA D. RITCHERSON
<b>SIGNATURE:</b>	/Deidra D. Ritcherson/
<b>DATE SIGNED:</b>	06/08/2021
<b>Total Attachments: 2</b>	
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**ASSIGNMENT OF INVENTION AND PATENT RIGHTS**

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Raik ORBAY having an address of Göteborg, Sweden ("**Assignor**")

hereby sell(s), assign(s), transfer(s), and convey(s) unto VOLVO CAR CORPORATION, with an address at Assar Gabrielssons Vaeg, Gothenburg, Sweden SE-405 31 ("**Assignee**"), all rights, title, and interests that exist today and may exist in the future in and to any and all of the following items (1) through (9) below:

1. the inventions disclosed in the solution report/invention disclosure titled **PERMANENT MAGNET MOTOR WITH FIELD WEAKENING ARRANGEMENT** and all inventions claimed *and/or* described in the Application(s) (collectively, the "**Invention**");
2. any U.S., PCT, or foreign patent application(s) prepared and filed based on said solution report/invention disclosure;
3. the patent applications listed in the table below (the "**Application**") and/or filed under said Docket No. VCCP163US;

Patent Application No.	Country	Filing Date	Title
	U.S.		<b>PERMANENT MAGNET MOTOR WITH FIELD WEAKENING ARRANGEMENT</b>
20176838.9	EP	05/27/2020	<b>PERMANENT MAGNET MOTOR WITH FIELD WEAKENING ARRANGEMENT</b>

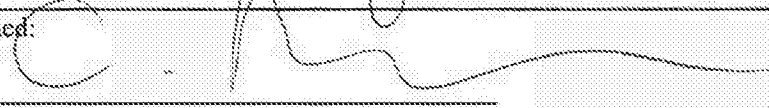
4. all rights with respect to the Invention, including all United States patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, non-provisionals or other patent applications claiming priority rights from the Application(s) ("**Potential Patents**");
5. all reissues, reexaminations, extensions, or registrations of the Potential Patents;
6. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application(s), and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("**Foreign Rights**"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
7. all rights to claim priority rights deriving from the Application(s);
8. all causes of action and remedies related to any or all of the Application(s), the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present,

or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

9. any and all other rights and interests arising out of, in connection with, or in relation to the Application(s), the Invention, Potential Patents, and the Foreign Rights.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

Signed: 	Date: <u>2021 MAY 29</u>
<u>Raik ORBAY</u>	