506285371 10/01/2020 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT						
NATURE OF CONVEYANCE:			ASSIGNMENT						
CONVEYING PARTY D	ΑΤΑ								
			Name			Exe	Execution Date		
PASCAL COMBES						09/1	09/17/2020		
DILSHAD SURROOP						09/1	09/17/2020		
PHILIPPE MARTIN				09/1	7/2020				
PIERRE ROUCHON							4/2020		
RECEIVING PARTY DA	ТА								
Name:	SCHNE	EIDER	TOSHIBA INVERTER EU	IROPE	SAS				
Street Address:	33 RUE	E AND	RÉ BLANCHET						
City:	PACY	SUR E	URE					—	
State/Country:	FRANC	CE						—	
Postal Code:	27120							—	
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Atty Ref: 2019P01134 US01 (114US2)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76), AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of the invention:

A Variable Speed Drive for the Sensorless PWM Control of an AC Motor by Exploiting PWM-Induced Artefacts

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, which claims priority to and benefit of U.S. Provisional Application Serial No. 62/905,663, filed September 25, 2019 and European Application Serial No. 20305748.4, filed July 2, 2020; or

United States application or PCT international application number

filed on

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, Schneider Toshiba Inverter Europe SAS (hereinafter referred to as "ASSIGNEE") having its principal place of business at 33 rue André Blanchet, F-27120 Pacy sur Eure, France, is desirous of acquiring the entire right, title, and interest in and to said application, in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said application and in and to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and all other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all provisionals, divisions, continuations, continuations-in-part, substitutions, renewals, reissues and extensions thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its successors, assigns and legal representatives any facts known to me respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors, assigns and legal representatives, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: Pascal COMBES

Date: 11. 12. 2020

Signature

83651048v.1

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LEGAL NAME OF INVENTOR

Inventor: Dilshad SURROOP

Date: 09/17/ 2020

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LEGAL NAME OF INVENTOR

Inventor: Phillippe MARTIN

Date: September 17, 2020

Signature

83651069v.1

P. Martin

Martin DN : cn=Philippe Martin, o, ou, email=martinppg@gmail.com, c=FR Date : 2020.09.17 14:40:29 +02'00'

Signature numérique de Philippe

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LEGAL NAME OF INVENTOR

Inventor: Pierre ROUCHON

Date:

Signature

83651037v.1



Signature numérique de Pierre Rouchon DN : cn=Pierre Rouchon, o=Mines PartsTech, ou=CAS, email=pierre.rouchon@min es-paristech.fr, c=FR Date : 2020.09.24 13:29:56 +02'00'