PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AL KASSEM JEBAI	10/04/2017
FRANCOIS MALRAIT	10/06/2017
THOMAS DEVOS	10/04/2017
ALAIN DUTREY	10/04/2017

RECEIVING PARTY DATA

Name:	SCHNEIDER TOSHIBA INVERTER EUROPE SAS
Street Address:	33 RUE ANDRE BLANCHET
City:	PACY SUR EURE
State/Country:	FRANCE
Postal Code:	F-27120

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16051597

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

Phone: (703) 413-3000

Email: sgunther@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	514495US
NAME OF SUBMITTER:	SPARKLE GUNTHER
SIGNATURE:	/SPARKLE GUNTHER/
DATE SIGNED:	08/01/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 046522 FRAME: 0074

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Title of Invention	Method for identifying magnetic saturation parameters of an
	Method for identifying magnetic saturation parameters of an asynchronous electric motor
As the below name	ad inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-identific	ed 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.
(hereinafter referre	HNEIDER TOSHIBA INVERTER EUROPE SAS ad to as "ASSIGNEE") having places of business at: 33 rue André Blanchet, F-27120 Pacy sur estrous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, the and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby I for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof.
any and all foreign assignee of my ent (his) successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.
respecting said in- continuation, substi- all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything I ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.
	dedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Al Kass	em JEBAI Date: October - 04 - 2017
Signature:	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Hethod for identifying magnetic Se asynchronous electric motor	aburation parameters of an
As the below named inventor, I hereby declare that:	
This declaration The attached application, or	
is directed to: United States application or PCT international filed on	application number
The above-identified application was made or authorized to be made	e 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 SA (hereinafter referred to as "ASSIGNEE") having places of busines Euro, France, is desirous of acquiring the entire right, title and in Letters Patent that may be granted therefore in the United States a foreign countries;	ss at: 33 rue André Blanchet, F-27120 Pacy sur terest in and to said invention and in and to any
NOW, THEREFORE, in consideration of the sum of FIVE DO acknowledged, and for other good and valuable consideration, I, by said ASSIGNEE, the full and exclusive right to the said invention i and in all foreign countries (including the right to claim priority und other relevant International Treaties and Arrangements from the affinterest in and to any and all Letters Patent which may be granted possessions and in any and all foreign countries and in and to substitutions and renewals thereof.	y these presents do sell, assign and transfer unto in the United States and its territorial possessions der the terms of the International Convention and presaid application) and the entire right, title and d therefor in the United States and its territorial
I hereby authorize and request the Patent Office Officials in the any and all foreign countries to issue any and all of said Letters F assignee of my entire right, title and interest in and to the same, for (his) successors and assigns, to the full end of the term for which entirely as the same would have been held by me had this Assignment.	Patent, when granted, to said ASSIGNEE as the the sole use and behoof of said ASSIGNEE, its said Letters Patent may be granted, as fully and
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, 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 (his) successors and assigns, 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 thi by fine or imprisonment of not more than five (5) years, or both.	s declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF INVENTOR	
Inventor: François MALRAIT	Date: (1) October 2014
Signature:	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

Title of Melhod for identifying magnetic saturation parameters of en Invention asynchronous electric motor.
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to: United States application or PCT international application number
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 places 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 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, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the 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 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 therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and 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 (his) successors and assigns, 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 (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, 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, inake all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, 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: Thomas DEVOS Date: 10/04/2017
Signature:

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Method for identifying magnetic saturation parameters of an asynchronous electric motor
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to: United States application or PCT international application number
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 places 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 invention and in 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, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the 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 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 therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and 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 (his) successors and assigns, 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.
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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: Alain DUTREY Date: 4th of October 2017
Signature:

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 046522 FRAME: 0079

RECORDED: 08/01/2018