#### 507952630 06/09/2023

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7999763

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
AMADOU ASSOUMANE	05/02/2023
MOHAMMED EL BADAOUI	05/02/2023
BADR MANSOURI	05/02/2023
AUDREY VENON	05/02/2023

### **RECEIVING PARTY DATA**

Name:	SAFRAN	
Street Address:	2 BOULEVARD DU GENERAL MARTIAL VALIN	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75015	
Name:	SAFRAN ELECTRONICS & DEFENSE	
Street Address:	72-76 RUE HENRY FARMAN	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75015	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	18256827

### **CORRESPONDENCE DATA**

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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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WOMBLE BOND DICKINSON (US) LLP ATTN: IP **Correspondent Name:** 

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ATTORNEY DOCKET NUMBER:	104790P226
NAME OF SUBMITTER:	ERIC HYMAN

SIGNATURE: /eric hyman/		
<b>DATE SIGNED:</b> 06/09/2023		
Total Attachments: 4		
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## Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

	12 d desert homes thousand, the edy decerts of de, i	
	inventor Name	Complete Address
	ASSOCIATION Amadau	SAFRAN , c/o Centre d'Excellence Propriété Intellectuelle, Bond-point René Ravaud, Réau
-	estate divortists, extraction	77550 MOISSY-CRAMAYEL, France

(Hereinafter referred to as the Assignor) have made an invention entitled:

Title of invention (in English)

#### METHOD FOR MONITORING WEAR OF AN ACTUATOR

Title of Invention (in French)

#### PROCEDE DE SURVEILLANC E D'UNE USURE D'UN ACTIONNEUR

for which an application for Letters Patent has been filed in the following country:

Country	Filing Date	Serial Number
France	12/34/2020	2013216
PCT	12/13/2021	PCT/FR2021/052300

The above-identified application(s) was/were 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.

#### AND, WHEREAS,

Corporation Name	Complete Address
Safran	2 Boulevard Du Général Martial Valin 75015 Paris France
 SAFRAN ELECTRONICS & DEFENSE	72-76 RUE HENRY FARMAN, 75015, PARIS, France

(Hereinafter referred to as the Assignee(s)) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for cetters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee(s) is hereby acknowledged, by these presents, i, the Assigner, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee(s), its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all reissues thereof, and all reissues thereof, and all lesters Patent that may be granted on this invention in any country and all extensions, renewals, and reissues thereof; and i hereby authorize and request the Commissioners of Patents for other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignment;

ANO, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee(s), its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or destrable to perfect the title to this invention in said Assignee(s), its/their successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all lightful oaths and generally do everything possible to aid the Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee(s) or its/their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee(s), its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE HEREBY acknowledge that any wilful faise 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

ASSOUMANE, AMADOU ABBOUD, Owny			Place	inventor Nume & Signoture	Witness Name & Signature
Dak-	***************************************	May 2, 2023	(M#	ASSOUMANE, Amadou	ABBOUD, Dany Daf-

Ref. 9-023692

## Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

Was a mainth	nomes mount, melecy acciait clat, i	
inventor	Narae	Complete Address
FI 840A	Otti Elabammad	SAFRAN , c/o Centre d'Excellence Propriété Intellectuelle, Bond-point Bené Bavaud, Béau
	COG, WORRSHINED	77550 MOISSY-CRAMAYEL, France

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

#### AND, WHEREAS,

Carparation Name Complete Address		
SAFRAN	2 Boulevard Du Général Martial Valin 75015 Paris France	
SAFRAN ELECTRONICS & DEFENSE	72-76 BUE HENRY FARMAN, 75015, PARIS, France	

(Hereinafter referred to as the Assignee(s)) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications:

NOW THEREFORE, be it known that for and in consideration of One EURO (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filled for this invention in any country and all Letters Patent that may hereafter be filled for this invention in any country and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignment; its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment:

AND, I HEREBY further covenant and agree that I will communicate with the Assignee(s), its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors or assigns, execute all divisional, continuation, release, and re-examination applications, make all rightful oaths and generally do everything possible to aid the Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee(s) dis/their successors, and assigns.

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AND, I/WE HERRRY 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.

#### IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place		Witness Name & Signature
May 2, 2023	CNH	EL BADAQUI, Mohamme	ABBOUD, Dany Dof

CD Restricted Ref. 8-023692

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As a below named inventor, I hereby declare that, I

inventar Name	Complete Address		
MANSOLIRI. Badr	SAFRAN , c/o Centre d'Excellence Propriété Inte	ellectuelle, Rond-point René Rav	aud, Réau
American bear	77550 MOISSY-CRAMAYEL, France		

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The above-identified application(s) was/were 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.

AND, WHEREAS,

Cε	orparation Name	Complete Address
SA	FRAN	2 Boulevard Du Général Martial Valin 75015 Paris France
SA	AFRAN ELECTRONICS & DEFENSE	72-76 RUE HENRY FARMAN, 75015, PARIS, France
-		

(Hereinafter referred to as the Assignee[s]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all rightful paths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their successors, and assigns.

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AND, I/WE HERESY 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	Inventor Name & Signature	vvaness name & signature
May 2, 2023	Massy	MANSOURI, Badr	Thiffy Robert

## Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

inventor Name	Complete Address
VENON, Audrey	SAFRAN , c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Ravaud, Réau
Tallow ( ) Charles	77550 MOISSY-CRAMAYEL, France

(Hereinafter referred to as the Assignor) have made an invention entitled:

METHOD FOR MONITORING WEAR OF AN ACTUATOR

Title of Invention (in French)

Title of Invention (in English)

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PCY:	12/15/2021	PCY/FR2021/052300

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#### AND, WHEREAS,

Corporation Name	Complete Address
SAFBAN	2 Boulevard Du Général Martial Valin 75015 Paris France
Safran Electronics & Defense	72-76 Rue Henry Farman, 75013, Paris, France

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	Inventor Name & Signature	Witness Name & Signature
May 2, 2023	Massey, France	VENON, Audrey	MASSIE LOUS

PATENT

REEL: 063912 FRAME: 0834

**RECORDED: 06/09/2023**