#### 508062742 08/11/2023

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8109897

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PATRICK OLIVIER DUCHAINE	08/03/2023
AMAURY BENOIT JACQUES PAILLARD	08/03/2023
ERIC CONETE	02/17/2022
BENJAMIN LACOMBE	08/03/2023

#### **RECEIVING PARTY DATA**

Name:	SAFRAN CERAMICS
Street Address:	RUE DE TOUBAN LES CINQ CHEMINS
City:	LE HAILLAN
State/Country:	FRANCE
Postal Code:	33185

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

Property Type	Number
Application Number:	18546205

### **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.

(703) 413-3000 Phone: Email: sbakke@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	549349US
NAME OF SUBMITTER:	SIDNEY BAKKE
SIGNATURE:	/Sidney Bakke/
DATE SIGNED:	08/11/2023

### **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 inventor Name Complete Address SAFRAN, c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Rayaud-Réau DUCHAINE, Patrick Olivier 77550 MOISSY-CRAMAYEL, France (Hereinafter referred to as the Assignor) have made an invention entitled: Title of Invention (in English) SUBASSEMBLY COMPRISING MEANS FOR COMPENSATING FOR A DIFFERENCE IN EXPANSION Title of Invention (in French) for which an application for Letters Patent has been filed in the following country: Country Filing Date Serial Number France 02/18/2021 2101556 Patent Cooperation Treaty 02/14/2022 PCT/FR2022/050263 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, Carporation Name Complete Address SAFRAN CERAMICS Rue de Touban les Cinq Chemins 33185 Le Haillan 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 reexamination 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 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 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: inventor Name & Signature Witness Name & Signature Date Place **DUCHAINE**, Patrick Olivier COTROUGO FRANCESO Bordes Sullaise 03/08/2023

# 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	rereby deciare that,	Complete Address				
inventor Name		Complete Address  SAFRAN, c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Ravaud-Réau  77550 MOISSY-CRAMAYEL, France				
PAILLARD, Amaury Benoit Ja						
(Hereinafter referred to as the	Assignor) have mad	e an invention entitled:				
Title of Invention (in English)	)	•••••				
SUBASSEMBLYCOI	MPRISING MEA	ANS FOR COMPENSA	ATING FOR A DIFFER	RENCE IN EXPANSION		
Title of invention (in French)						
for which an application for Le	tters Patent has bee	······································				
Country		Filing Date	Serial Number			
France		02/18/2021	2101556			
Patent Cooperation Treaty		02/14/2022	PCT/FR2022/0502	263		
The above-identified application	on(s) was/were made	e or authorized to be made b	ıv me.			
I believe that I am the original				2		
ű	mischion of the bright	in justice mention of a discretiza-	a teremoure tre ters appropries			
AND, WHEREAS, Corporation Name		Complete Address				
SAFRAN CERAMICS	***************************************		Chemins 33185 Le Haillan Fr	ance		
<u> </u>						
Marajastae rafeerad to at th	a Accionnatell infara	decirous of sometime the en	ien right title and interact	in and to this invention in all countries throughout th		
		-		atent to be issued upon these applications;		
NOW THEREFORE	he it known that fo	or and in consideration of	One FURO (£1.00) and oth	ner good and valuable consideration, the receipt an		
•			•	sold, assigned, transferred, and set over, and do hereb		
				tht, title, and interest in and to this invention and thes		
				ereon, and all reissues thereof, and all rights to clair this invention in any country and all Letters Patent tha		
may be granted on this inven	tion in any country,	and all extensions, renewal	s, and reissues thereof; and	I hereby authorize and request the Commissioners of		
Patents (or other appropriate to the Assignee[s], its/their su				other country, to issue Letters Patent for this invention		
• • • •	• •		-	ment, and I have not executed and will not execute an		
agreement in conflict with this		tion light to convey the me	reseasigned by and Assign	nent, and thave not executed and win not execute an		
AND, I HEREBY fur	ther covenant and a	seree that I will communica	te with the Assigneeisl, its	/their successors and assigns, any facts known to me		
respecting this invention, test	ify in any legal proce	eedings, sign all lawful pape	rs when called upon to do s	io, execute and deliver any and all papers that may be		
				ns, execute all divisional, continuation, reissue, and re nee[s], its/their successors and assigns, to obtain am		
				e of whether I am in the employ of the Assignee(s) o		
	incident to the perf	ormance of the obligations of	of the present paragraph sha	ill be borne by the Assignee[s], its/their successors, and		
assigns.						
This Assignment ag	reement is effective :	as of the earliest filing date r	nentioned above.			
	•	ny wiliful false statement m	ade in this declaration is pur	nishable under 18 U.S.C. 1001 by fine or imprisonmen		
of not more than five (5) years						
IN TESTIMONY WHEREOF, I HA	IVE SIGNED: Place	inventar Name & Signat	1170	Witness Name & Signature		
	rece:			C Baldon Y Line 10		
03/08/3033	O 1	PAILLARD, Amoury Bend	•	SAVARY, NICOLAS		
03/08/2023	Borles	PETUL	>	C. L.		

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

inventor Name		Complete Address			
CONETE, Eric		SAFRAN , c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Ravaud-Réau 77550 MOISSY-CRAMAYEL, France			
Hereinafter referred to as	the Assignor) have made :	an invention entitled:			
Title of Invention (in Eng	lish)	***************************************			
SUBASSEMBLY C	OMPRISING MEAN	NS FOR COMPENSAT	ING FOR A DIFFEE	RENCE IN EXPANSION	
Title of invention (in Frei	nch)				
		·			
	r Letters Patent has been t	filed in the following country:	······································		
Country		Filing Date	Serial Number	***************************************	
France		02/18/2021	2101556		
Patent Cooperation Trea	ity	02/14/2022	PCT/FR2022/0502	53	
The above-identified appli	cation(s) was/were made o	or authorized to be made by n	ne.		
	• • •	joint inventor of a claimed in			
_	man mivermen or an originar	jame arzento. or a same a re	vermon in tite oppositeism	•	
AND, WHEREAS,  Corporation Name		Complete Address			
SAFRAN CERAMICS		Rue de Touban les Cing Che	mins 33185 Le Haillan Fra	auce	
•••••••••••••	***************************************				
	s the Assignee[s]) is/are de		right, title, and interest i	n and to this invention in all countries throughout the state of the issued upon these applications;	
sufficiency of which from to sell, assign, transfer and so applications, and all divisi priority on these of such a may be granted on this in Patents (or other appropri	the Assignee[s] is hereby a et over unto the Assignee[s ons, and continuations th pplications, and all applica vention in any country, ar ate official whose duty is t	cknowledged, by these preser i], its/their lawful successors is ereof, and all Letters Patent tions for Letters Patent that m nd all extensions, renewals, a	nts, I, the Assignor, have s and assigns, my entire rig that may be granted the nay hereafter be filed for I nd reissues thereof; and States, Canada, and any	er good and valuable consideration, the receipt an old, assigned, transferred, and set over, and do hereb ht, title, and interest in and to this invention and thes ereon, and all reissues thereof, and all rights to claim this invention in any country and all Letters Patent that I hereby authorize and request the Commissioners of other country, to issue Letters Patent for this invention	
AND, I HEREBY agreement in conflict with		ull right to convey the interest	t assigned by this Assignn	nent, and I have not executed and will not execute ar	
respecting this invention, necessary or desirable to examination applications, enforce proper patent pro	testify in any legal procee perfect the title to this inv make all rightful oaths a otection for this invention	dings, sign all lawful papers v ention in said Assignee[s], itsy nd generally do everything p in any country, it being und	when called upon to do so their successors or assign cossible to aid the Assign erstood that, irrespective	Itheir successors and assigns, any facts known to mo, execute and deliver any and all papers that may be no, execute all divisional, continuation, reissue, and nee(s), its/their successors and assigns, to obtain any of whether I am in the employ of the Assignee(s) of the Assignee(s).	
This Assignmen	t agreement is effective as	of the earliest filing date mer	ntioned above.		
AND, I/WE HER		willful false statement made	in this declaration is pur	nishable under 18 U.S.C. 1001 by fine or imprisonmen	
	•				
N TESTIMONY WHEREOF,  Date	Place	inventor Name & Signature	•••••••••••••••••••••••••••••••••••••••	Witness Name & Signature	
	<del></del>	CONETE, Eric		<u> </u>	
A7/02/22	LE HAILLAN	<b>.</b>	A THE REAL PROPERTY OF THE PARTY OF THE PART	BERDOTES Stabilla	

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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)

inventor Name		Complete Address	201		
LACOMBE, Benjamin		SAFRAN , c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Ravaud-Réau 77550 MOISSY-CRAMAYEL, France			
(Hereinafter referred to	as the Assignor) have made	an invention entitled:			
Title of invention (in Er	iglish)				
SUBASSEMBLY	COMPRISING MEA	NS FOR COMPENSATI	NG FOR A DIFFERF	ENCE IN EXPANSION	
Title of Invention (in Fr	ench)				****
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, <del></del>	for Letters Patent has been	filed in the following country:			
Country		Filing Date	Serial Number		
France		02/18/2021	2101556		
Patent Cooperation Tre	eaty	02/14/2022	PCT/FR2022/050263	5	
The above identified one	alicationic) was Aware made	or authorized to be made by me	3		
		·			
I believe that I am the or	iginal inventor or an origina	I joint inventor of a claimed inve	intion in the application.		
AND, WHEREAS,		0			
Corporation Name SAFRAN CERAMICS		Complete Address Rue de Touban les Cing Chem	iins 33185 Le Haillan Franc	ne.	
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				and to this invention in all countries throug at to be issued upon these applications;	hout the
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				good and valuable consideration, the rec d, assigned, transferred, and set over, and d	
sell, assign, transfer and	set over unto the Assignee	[s], its/their lawful successors an	nd assigns, my entire right.	title, and interest in and to this invention a	ind thes
				ion, and all reissues thereof, and all rights is invention in any country and all Letters Pa	
				nereby authorize and request the Commiss	
	•			her country, to issue Letters Patent for this i	nventio
		n accordance with the terms of			
AND, I HEREB agreement in conflict wil		full right to convey the interest a	assigned by this Assignmen	nt, and I have not executed and will not exe	cute an
AND, ! HEREE	BY further covenant and ag	gree that I will communicate w	ith the Assignee[s], its/th	eir successors and assigns, any facts know	m to m
_			·	execute and deliver any and all papers that	
	- ·		•	execute all divisional, continuation, reissue efsl, its/their successors and assigns, to ob-	
			·	f whether I am in the employ of the Assign	
its/their affiliates, any ex assigns.	pense incident to the perfo	rmance of the obligations of the	: present paragraph shall t	oe borne by the Assignee[s], its/their succes	sors, an
7 :		F.1 10 200 1			
i nis Assignme	ent agreement is effective a	s of the earliest filing date menti	oned above.		
AND, I/WE HE of not more than five (5)	•	y willful false statement made i	n this declaration is punish	hable under 18 U.S.C. 1001 by fine or impri	sonmen
IN TESTIMONY WHEREO	F, I HAVE SIGNED:				
Date	Piace	inventor Name & Signature		Witness Name & Signature	
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PATENT REEL: 064566 FRAME: 0701

**RECORDED: 08/11/2023**