## 504218332 02/08/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4265009

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ludovic ESCOUBAS	01/16/2017
Gerard Jean Louis BERGINC	01/13/2017
Jean-Jacques SIMON	01/29/2017
Vincent BRISSONNEAU	01/16/2017

## **RECEIVING PARTY DATA**

Name:	UNIVERSITÉ D'AIX-MARSEILLE
Street Address:	58 BOULEVARD CHARLES LIVON
City:	MARSEILLE
State/Country:	FRANCE
Postal Code:	13284
Name:	Centre National De La Recherche Scientifique
Street Address:	3, rue Michel Ange
City:	Paris
State/Country: FRANCE	
Postal Code:	75016
Name:	Thales
Street Address:	45 Rue de Villiers
City:	Neuilly Sur Seine
State/Country:	FRANCE
Postal Code:	92200

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

Property Type	Number		
Application Number:	15316387		

## **CORRESPONDENCE DATA**

**Fax Number:** (703)836-2787

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: 703-836-6400 Email: email@oliff.com

PATENT 504218332 REEL: 041202 FRAME: 0001

Correspondent Name: JOEL S. ARMSTRONG

Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	174096	
NAME OF SUBMITTER:	ANNALYNN H. STEIN	
SIGNATURE:	/Annalynn H. Stein/ for R. Brian Drozd	
DATE SIGNED:	02/08/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

## **Total Attachments: 8**

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PATENT REEL: 041202 FRAME: 0002

## ASSIGNMENT (Three Assignees)

	Insert	(1)	Ludovic ESCOUBAS	(2)	Gerard Jean Louis BERGINC			
(1-8)	Legal Name(s)	(3)	Jean-Jacques SIMON	(4)	Vincent BRISSONNEAU			
	of Inventor(s)	(5)		(6)				
		(7)		(8)				
		the unde		ch are	er good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to			
(9A)	Insert Name of First Assignee	(9A)	UNIVERSITÉ D'AIX-MARSEILLE					
(10A)	Insert Address of First Assignee	(10A)	58 Boulevard Charles Livon, 13284 Ma	urseille	07, FRANCE			
(9B)	Insert Name of Second Assignce	(9B)	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE					
(10B)	Insert Address of Second Assignee	(10B)	3, rue Michel Ange. 75016 Paris, FRA)	NCE				
(9C)	Insert Name of Third Assignee	(9C)	THALES					
(10C)	Insert Address of Third Assignce	(10C)	45 Rue de Villiers, 92200 Neuilly Sur 5	Scine,	FRANCE			
		the entir inventio	e right, title and interest for the United State, and in all applications for patent including	tes of any pplicat	heirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, tion(s), and all Letters Patent, extensions, reissues invention known as			
(11)	Insert Identification such as Title, Case	(11)	Method for Randomly Texturing a Semice	onduct	tor Substrate			
	Number, or Foreign Application Number	(Anorn	ey Docket No. 174096		), filed on even date herewith or as			
(12)	Alternative	(12) l	J.S. Application Number					
	Identification for							
	filed applications	filed						

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignces may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

## (13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

PATENT REEL: 041202 FRAME: 0003 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	01-16-2017	Inventor Signature	Ludvic Escarbas	(SEAL)
Date		Inventor Signature		(SEAL)
Date	Name of the Control o	Inventor Signature		(SEAL)
Date	every control of the	Inventor Signature	AND THE STREET OF THE STREET O	(SEAL)
Date		Inventor Signature		(SEAL)
Date	4	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably be sign, then it should be signed before at least two	ned before: (a) a Notary Pub witnesses who also sign he	olic if within the U.S.A. (b) a U.S. Consul if outsi re:	ide the U.S.A. If
Date		Witness _		
Data		Witness		

### ASSIGNMENT (Three Assignees)

	Insert	(1)	Ludovic ESCOUBAS	(2)	Gerard Jean Louis BERGINC	
(1-8)	Legal Name(s)	(3)	Jean-Jacques SIMON	(4)	Vincent BRISSONNEAU	
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the unde	leration of the sum of one dollar rsigned, the receipt and sufficien nd hereby does assign, transfer a	ncy of which are I	r good and valuable consideration paid to each of nereby acknowledged, each undersigned agrees to	
(9A)	Insert Name of First Assignee	(9A)	UNIVERSITÉ D'AIX-MARS	SEILLE		
(10A)	Insert Address of First Assignee	(10A)	58 Bouleyard Charles Livon,	13284 Marseille	07, FRANCE	
(9B)	Insert Name of Second Assignce	(9B)	CENTRE NATIONAL DE L	A RECHERCHE	SCIENTIFIQUE	
(10B)	Insert Address of Second Assignee	(HOB)	3, rue Michel Ange, 75016 Paris, FRANCE			
(9C)	Insert Name of Third Assignee	(9C)	THALES			
(10C)	Insert Address of Third Assignee	(10C)	45 Rue de Villiers, 92200 No	uilly Sur Scine, 1	RANCE	
		the entire invention continua	e right, title and interest for the L 1, and in all applications for pate	Inited States of A out including any I reissue applicati	eirs, successors, assigns and legal representatives, merica as defined in 35 U.S.C. § 100, in the and all provisional, non-provisional, divisional, on(s), and all Letters Patent, extensions, reissues invention known as	
(11)	Insert Identification such as Title, Case	(11)	Method for Randomly Texturing	g a Semiconducto	or Substrate	
	Number, or Foreign Application Number	/ Attenne	y Docket No. 174096	· · · · · · · · · · · · · · · · · · ·	), filed on even date herewith or as	
		(Miorne	y 1300 ket 140. 174090		), thed on even date nerewith or as	
(12)	Alternative	(12) U	.S. Application Number			
	Identification for filed applications	filed				
	сось арупсанона	11100				

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  3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with
- claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.

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- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignces, as Assignces of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees
- that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

  6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document,

#### (13)Declaration

As an above named inventor, I hereby declare that:

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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.

> **PATENT** REEL: 041202 FRAME: 0005

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). 01-13-2017 Inventor Signature Gerard Inventor Signature Date Inventor Signature Date Inventor Signature Inventor Signature \_ Inventor Signature Date Inventor Signature Date Inventor Signature This assignment should preferably be signed before; (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	**************************************	Witness	
Date		Witness	

## ASSIGNMENT (Three Assignees)

	Insert	(1)	Ludovic ESCOUBAS	(2)	Gerard Jean Louis BERGINC			
(1-8)	Legal Name(s)	(3)	Jean-Jacques SIMON	(4)	Vincent BRISSONNEAU			
	of laventor(s)	(5)		(6)				
		(7)	3 T	(8)				
		the unde		y of which are I	r good and valuable consideration paid to each of nereby acknowledged, each undersigned agrees to			
(9A)	Insert Name of First Assignee	(9A)	UNIVERSITÉ D'AIX-MARS	EHLE				
(10A)	Insert Address of First Assignee	(10A)	58 Boulevard Charles Livon.	13284 Marseille	07, FRANCE			
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(10B)	Insert Address of Second Assignee	(10B)	3. rue Michel Ange, 75016 Paris, FRANCE					
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	Application Number	(Attorno	by Docket No. 174096		), filed on even date herewith or as			
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	In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).	<i>!</i> <i>!</i>
Date	29/01/2017 Inventor Signature Sipon J	(SEAL)
Date	Inventor Signature	(SEAL)
neither	This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Coner, then it should be signed before at least two witnesses who also sign here:	sul if outside the U.S.A. II
Date	Witness	

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(1-8)	Legal Name(s)	(3)	Jean-Jacques SIMON	(4)	Vincent BRISSONNEAU
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		the und		y of which are h	r good and valuable consideration paid to each of tereby acknowledged, each undersigned agrees to
(9A)	Insert Name of First Assignce	(9A)	UNIVERSITĖ D'AIX-MARSE	HLLE	
(10A)	Insert Address of First Assignee	(10A)	58 Boulevard Charles Livon, 1.	3284 Marseille	07, FRANCE
(9B)	· · · · · · · · · · · · · · · · · · ·		SCIENTIFIQUE		
(10B)	Insert Address of Second Assignee	(10B)	3, rue Michel Ange, 75016 Par	is, FRANCE	
(9C)	Insert Name of Third Assignce	(9Ć)	THALES		
(10 <b>C</b> )	Insert Address of Third Assigner	(10C)	45 Rue de Villiers, 92200 Neui	illy Sur Seine, F	RANCE
		the enti- inventi- continu	re right, title and interest for the Un on, and in all applications for patent	nited States of A t including any reissue applicati	neirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissucs invention known as
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	01 - 16 - 2017	Inventor Signature	Vincent Brissineau	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date	,	Inventor Signature	A second	(SEAL)
Date		Inventor Signature	and the second s	(SEAL)
Date		Inventor Signature		(SEAL)
Date		laventor Signature		(SEAL)
Date		Inventor Signature	and the second s	(SEAL)
neither	This assignment should preferably be si , then it should be signed before at least tw	gned before: (a) a Notary Put to witnesses who also sign he	olic if within the U.S.A. (b) a U.S. Consul if our	itside the U.S.A. If
Date	H	Witness		
Date		Witness		

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