504739566 01/22/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4786294

	CORRECTIVE ASSIGNMENT		
INVEN	ive Assignment to correct the FIRST AND THIRD LISTED FOR'S EXECUTION DATE previously recorded on Reel 044439 0550. Assignor(s) hereby confirms the ASSIGNMENT.		

#### **CONVEYING PARTY DATA**

Name	Execution Date
Arnaud PREBE	12/06/2017
Bruno DUFOUR	10/05/2017
David AYME-PERROT	12/11/2017
Yannick BUREAU	10/05/2017
Philippe SONNTAG	10/05/2017

#### **RECEIVING PARTY DATA**

Name:	Hutchinson
Street Address:	2 rue Balzac
City:	Paris
State/Country:	France
Postal Code:	75008

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

Property Type	Number			
Application Number:	15566238			

#### **CORRESPONDENCE DATA**

504739566

(703)836-2787 Fax Number:

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

JOEL S. ARMSTRONG **Correspondent Name:** 

Address Line 1: **OLIFF PLC** 

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 178619 **NAME OF SUBMITTER:** CHARLES PACE **SIGNATURE:** /Charles Pace/ DATE SIGNED: 01/22/2018

> **PATENT REEL: 045110 FRAME: 0658**

# **Total Attachments: 4** source=5498178\_1#page1.tif source=5498178\_1#page2.tif source=5498178\_1#page3.tif

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PATENT REEL: 045110 FRAME: 0659

## 504695411 12/19/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4742133

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Amaud PREBE	06/12/2017
Bruno DUFOUR	10/05/2017
David AYME-PERROT	11/12/2017
Yannick BUREAU	10/05/2017
Philippe SONNTAG	10/05/2017

#### **RECEIVING PARTY DATA**

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Street Address:	2 rue Balzac
City:	Paris
State/Country:	FRANCE
Postal Code:	75008

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

	Property Type	Number				
Γ	Application Number:	15566238				

#### **CORRESPONDENCE DATA**

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Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	178619
NAME OF SUBMITTER:	KEIVONA D. GRAY
SIGNATURE:	/KeiVona D. Gray/
DATE SIGNED:	12/19/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 045110 FRAME: 0660

# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

#### ASSIGNMENT

	Insert	(1)	Amaud PREBI	}	(2)	+	Bruno DUFOUR
(1-8)	Legal Name(s)	(3)	David AYME-I	PERROT	(4)	-	Yannick BUREAU
	of Inventor(s)	(5)	Philippe SONN	TAG	(6)	_	
		(7)			(8)	-	
	_		sideration of the si dersigned, the rece and hereby does	and summer	r (\$1.00) and other	-	good and valuable consideration paid to each of reby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	HUTCHINSON				
(10)	Insert Address of Assignee	(10)	2 rue Balzac, Pa	ıris, 75008. FR	ANCE		
(11)	Insert Identification such as Title, Case Number, or Foreign	001111110	xamination certifi	cates that may	or reissue applicate be granted on the CTRICALLY CO	tior in	of all provisional, non-provisional, divisional, i(s), and all Letters Patent, extensions, reissues wention known as
	Application Number	(Attorn	ey Docket No.	178619			
(12)	Alternative Identification for		U.S. Application		15/566,2		d on even date herewith or as
	filed applications	filed	Oct	ober 13, 2	017		
leclared	2) Each undersigned agree	es to execut or patent for rence or pos	te all papers neces with such applicat the all papers neces or the invention a st-grant proceedir	ssary in connections and paten sary in connected and to cooperate	tion with any apples as the Assigne tion with any into with the Assign	ee n terf nee	erence or post-grant proceeding which may be in every way possible in obtaining evidence

s 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 Assignee

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 Assignce, as Assignce 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) Fach 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.

#### 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	06/12/17	Inventor Signature	A PAERE (SEAL)
Date	11/12/2017	Inventor Signature	D. AYNE PERLOT
Date		Inventor Signature	
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
Date		Inventor Signature	(SEAL)
neither, i	This assignment should preferably be signed hen it should be signed before at least two wi	before: (a) a Notary Pub incsses who also sign he	dic if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If re:
Pate _	Dec. 13, 2017	Witness	Anc. Duna ND
Pate _	Dec- 14 2012	Witness	Callande Revero Fauconnier

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

D	Pate	
	Inventor S	ignature
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neither,	then it should be signed by signed before: (a) a Notari	Dukting
	this assignment should preferably be signed before: (a) a Notary then it should be signed before at least two witnesses who also signed	Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If
		at the ols.A, II
Date	Uctober 5th 9014	B
-	Votober 3th 2014 Witness	Asenia Actalia de la
		Ksenia Astafyeva Arts.
Date	are the	,,
Date _	October 5th 2017 Witness	H. 3000
	,, ieness	Marc ZINDERNAWN