

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5587148

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
SYLVAIN SCHWARTZ	06/19/2017
GILLES FEUGNET	06/19/2017
ARNAUD BRIGNON	06/19/2017
FABIEN BRETENAKER	06/22/2017

## RECEIVING PARTY DATA

<b>Name:</b>	THALES
<b>Street Address:</b>	TOUR CARPE DIEM
<b>Internal Address:</b>	PLACE DES COROLLES, ESPLANADE NORD
<b>City:</b>	COURBEVOIE
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	92400
<b>Name:</b>	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
<b>Street Address:</b>	3, RUE MICHEL ANGE
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75016
<b>Name:</b>	ECOLE NORMALE SUPERIEURE DE CACHAN
<b>Street Address:</b>	61 AVENUE DU PRÉSIDENT WILSON
<b>City:</b>	CACHAN CEDEX
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	94235

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15480129

## CORRESPONDENCE DATA

Fax Number: (202)861-1783

*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: 202 861-1500

PATENT

<b>Email:</b>	PATENTS@BAKERLAW.COM
<b>Correspondent Name:</b>	BAKER & HOSTETLER LLP
<b>Address Line 1:</b>	WASHINGTON SQUARE, SUITE 1100
<b>Address Line 2:</b>	1050 CONNECTICUT AVENUE, N.W.
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036

<b>ATTORNEY DOCKET NUMBER:</b>	95781.33060
--------------------------------	-------------

<b>NAME OF SUBMITTER:</b>	TIMOTHY S. SCHWARZ
---------------------------	--------------------

<b>SIGNATURE:</b>	/Timothy S. Schwarz/
-------------------	----------------------

<b>DATE SIGNED:</b>	06/24/2019
---------------------	------------

**Total Attachments: 6**

source=95781-33060-Assignment1#page1.tif

source=95781-33060-Assignment1#page2.tif

source=95781-33060-Assignment1#page3.tif

source=95781-33060-Assignment2#page1.tif

source=95781-33060-Assignment2#page2.tif

source=95781-33060-Assignment2#page3.tif

**ASSIGNMENT**

I, **Sylvain SCHWARTZ**, a citizen of France residing at 99bis rue de Paris – 78470 SAINT REMY LES CHEVREUSE - FRANCE; and

I, **Gilles FEUGNET**, a citizen of France residing at 5 Impasse de la Fondrière aux Loups – 91120 Palaiseau - FRANCE; and

I, **Arnaud BRIGNON**, a citizen of France residing at 5 Villa Jeanne d'Arc – 92340 BOURG LA REINE – FRANCE, and

I, **Fabien BRETENAKER**, a citizen of France residing at 23 rue Paul Doumer – 78140 VELIZY VILLACOUBLAY – France,

(hereinafter "ASSIGNOR") for good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

**1/ THALES**

**2/ CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE**

**3/ ECOLE NORMALE SUPERIEURE DE CACHAN**

Corporations organized under the laws of FRANCE, located at

**1/** Tour Carpe Diem – Place des Corolles – Esplanade Nord – 92400 Courbevoie – France

**2/** 3, rue Michel-Ange – 75016 Paris – FRANCE

**3/** 61 avenue du Président Wilson – 94235 Cachan Cedex - France

(hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the entire indicated right, title, and interest, in and to my Invention entitled:

**Compact three-frequency resonant optical gyroscope**

invented by me/us and described in FRANCE patent application no. **1600581** filed **April 06, 2016**; including any United States patent application claiming priority thereto and bearing the above title as filed by me/us; I/we hereby authorize and request the law firms of Marks and Clerk France and BAKER & HOSTETLER LLP to insert on the designated lines below, the filing date and application number of said United States

69991 US

application when known, to add or correct information stated in the assignment which identifies the U.S., PCT, and/or priority patent applications covering the "Invention" being assigned.

which was filed on April 05, 2017 as  
PCT Application Number \_\_\_\_\_ or/and  
United States Application Number 15/480,129 ;

and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Sylvain SCHWARTZ, Inventor

Dated: 06/19/2017

Gilles Feugnet  
Gilles FEUGNET, Inventor

Dated: 06/19/2017

Arnaud Brignon  
Arnaud BRIGNON, Inventor

Dated: 06/22/2017

Fabien Bretenaker  
Fabien BRETENAKER, Inventor

**ASSIGNMENT**

I, **Sylvain SCHWARTZ**, a citizen of France residing at 99bis rue de Paris – 78470 SAINT REMY LES CHEVREUSE - FRANCE; and

I, **Gilles FEUGNET**, a citizen of France residing at 5 Impasse de la Fondrière aux Loups – 91120 Palaiseau - FRANCE; and

I, **Arnaud BRIGNON**, a citizen of France residing at 5 Villa Jeanne d'Arc – 92340 BOURG LA REINE – FRANCE, and

I, **Fabien BRETENAKER**, a citizen of France residing at 23 rue Paul Doumer – 78140 VELIZY VILLACOUBLAY – France,

(hereinafter "ASSIGNOR") for good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

**1/ THALES**

**2/ CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE**

**3/ ECOLE NORMALE SUPERIEURE DE CACHAN**

Corporations organized under the laws of FRANCE, located at

**1/ Tour Carpe Diem – Place des Corolles – Esplanade Nord – 92400 Courbevoie – France**

**2/ 3, rue Michel-Ange – 75016 Paris – FRANCE**

**3/ 61 avenue du Président Wilson – 94235 Cachan Cedex - France**

(hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the entire indicated right, title, and interest, in and to my Invention entitled:

**Compact three-frequency resonant optical gyroscope**

invented by me/us and described in FRANCE patent application no. **1600581** filed **April 06, 2016**; including any United States patent application claiming priority thereto and bearing the above title as filed by me/us; I/we hereby authorize and request the law firms of Marks and Clerk France and BAKER & HOSTETLER LLP to insert on the designated lines below, the filing date and application number of said United States

69991 US

application when known, to add or correct information stated in the assignment which identifies the U.S., PCT, and/or priority patent applications covering the "Invention" being assigned.

which was filed on April 05, 2017 as  
PCT Application Number \_\_\_\_\_ or/and  
United States Application Number 15/480,129 ;

and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

Dated: 06/19/2017

Sylvain SCHWARTZ  
Sylvain SCHWARTZ, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Gilles FEUGNET, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Arnaud BRIGNON, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Fabien BRETENAKER, Inventor