PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4889856

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE FIRST NAME OF THE SECOND INVENTOR previously recorded on Reel 045061 Frame 0710. Assignor(s) hereby confirms the THE SECOND INVENTOR NAME IS MARTIN HACHET.

CONVEYING PARTY DATA

Name	Execution Date
LIONEL CANIONI	01/24/2018
MARTIN HACHET	11/27/2017
JEAN PAUL GUILLET	01/24/2018
BRUNO BOUSQUET	01/23/2018
DAVID FURIO	11/28/2017

RECEIVING PARTY DATA

Name:	UNIVERSITE DE BORDEAUX
Street Address:	35, PLACE PEY BERLAND
City:	BORDEAUX
State/Country:	FRANCE
Postal Code:	33000
Name:	INSTITUT POLYTECHNIQUE DE BORDEAUX
Street Address:	1 AVENUE DU DOCTEUR ALBERT SCHWEITZER
City:	TALENCE
State/Country:	FRANCE
Postal Code:	33400
Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3 RUE MICHEL ANGE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75016
Name:	INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE
Street Address:	DOMAINE DE VOLUCEAU ROCQUENCOURT
City:	LE CHESNAY
State/Country:	FRANCE
Postal Code:	78153

PROPERTY NUMBERS Total: 1

PATENT

504843119 REEL: 045762 FRAME: 0829

Property Type	Number
Application Number:	15740367

CORRESPONDENCE DATA

Fax Number: (703)685-0573

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: 7035212297

Email: NLeta@young-thompson.com

Correspondent Name: YOUNG & THOMPSON

Address Line 1: 209 MADISON STREET, SUITE 500 Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	0510-1530
NAME OF SUBMITTER:	ERIC JENSEN
SIGNATURE:	/ERIC JENSEN/
DATE SIGNED:	03/29/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

source=Corrected_NOTICE OF RECORDATION#page1.tif source=Corrected_NOTICE OF RECORDATION#page2.tif source=Corrected_NOTICE OF RECORDATION#page3.tif source=Corrected_NOTICE OF RECORDATION#page4.tif source=Corrected_NOTICE OF RECORDATION#page5.tif source=Corrected_NOTICE OF RECORDATION#page6.tif source=Corrected_NOTICE OF RECORDATION#page7.tif source=Corrected_NOTICE OF RECORDATION#page8.tif

504797264 02/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4843996

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIONEL CANIONI	01/24/2018
CANIONI HACHET MARTIN.	11/27/2017
JEAN PAUL GUILLET	01/24/2018
BRUNO BOUSQUET	01/23/2018
DAVID FURIO	11/28/2017

RECEIVING PARTY DATA

Name:	UNIVERSITE DE BORDEAUX
Street Address:	35, PLACE PEY BERLAND
City:	BORDEAUX
State/Country:	FRANCE
Postal Code:	33000
Name:	INSTITUT POLYTECHNIQUE DE BORDEAUX
Street Address:	1 AVENUE DU DOCTEUR ALBERT SCHWEITZER
City:	TALENCE
State/Country:	FRANCE
Postal Code:	33400
Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3 RUE MICHEL ANGE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75016
Name:	INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE
Street Address:	DOMAINE DE VOLUCEAU ROCQUENCOURT
City:	LE CHESNAY
State/Country:	FRANCE
Postal Code:	78153

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15740367

PATENT

REEL: 045762 FRAME: 0831

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, 1) UNIVERSITE DE BORDEAUX, 2) INSTITUT POLYTECHNIQUE DE BORDEAUX, 3) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 4) INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, hereinafter referred to as "assignee(s)", whose addresses are 1) 35, place Pey Berland, 33000 BORDEAUX, France; 2) 1 avenue du Docteur Albert Schweitzer, 33400 TALENCE, France; 3) 3 rue Michel Ange, 75016 PARIS, France; 4) Domaine de Voluceau, ROCQUENCOURT, 78153 LE CHESNAY, France; are desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor,	l hereb	y declare that:
This assignment and declaration is directed to:		The attached application, or
		United States Application or PCT International Application Number PCT/EP2016/064680 filed on June 24, 2016 (Confirmation No.[confirmation no]).

The application is entitled: Hybrid simulator and method for teaching optics or for training adjustment of an optical device

The above-identified application was made or was 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.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Lionel	Family Name/Surname(s) CANIONI
Inventor's Signature:	Ja	Date 24/01/7018
Given Name(s)	Martin	Family Name/Surname(s) HACHET
Inventor's Signature:		Date
Given Name(s)	Jean Paul	Family Name/Surname(s) GUILLET
Inventor's Signature:		Date
Given Name(s)	Bruno	Family Name/Surname(s) BOUSQUET
Inventor's Signature:		Date
Given Name(s)	David	Family Name/Surname(s) FURIO
Inventor's Signature:		Date

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, 1) UNIVERSITE DE BORDEAUX, 2) INSTITUT POLYTECHNIQUE DE BORDEAUX, 3) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 4) INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, hereinaîter referred to as "assignee(s)", whose addresses are

1) 35, place Pey Berland, 33000 BORDEAUX, France; 2) 1 avenue du Docteur Albert Schweitzer, 33400 TALENCE, France; 3) 3 rue Michel Ange, 75016 PARIS, France; 4) Domaine de Voluceau, ROCQUENCOURT, 78153 LE CHESNAY, France; are desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I	hereb	y declare that:
This assignment and declaration is directed to:		The attached application, or
	\boxtimes	United States Application or PCT International Application Number PCT/EP2016/084680 filed on June 24, 2016 (Confirmation No.[confirmation_no]).

The application is entitled: Hybrid simulator and method for teaching optics or for training adjustment of an optical device

The above-identified application was made or was 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.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Lionel	Family Name/Surr	name(s)	CAN	IONI	
Inventor's Signature:			Date			
Given Name(s)	Martin ,	Family Name/Surr	name(s)	HAC	HET	
Inventor's Signature:	Lacter	ч.	Date	27	Vovember	2017
Given Name(s)	Jean Paul	Family Name/Surr	name(s)	GUIL	LET	
Inventor's Signature:			Date			
Given Name(s)	Bruno	Family Name/Surr	name(s)	BOU	SQUET	
Inventor's Signature:			Date			
Given Name(s)	David	Family Name/Surr	name(s)	FURI	10	
Inventor's Signature:			Date			

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, 1) UNIVERSITE DE BORDEAUX, 2) INSTITUT POLYTECHNIQUE DE BORDEAUX, 3) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 4) INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, hereinafter referred to as "assignee(s)", whose addresses are 1) 35, place Pey Berland, 33000 BORDEAUX, France; 2) 1 avenue du Docteur Albert Schweitzer, 33400 TALENCE, France; 3) 3 rue Michel Ange, 75016 PARIS, France; 4) Domaine de Voluceau, ROCQUENCOURT, 78153 LE CHESNAY, France; are desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor,	I heret	by declare that:
This assignment and declaration is directed to:		The attached application, or
		United States Application or PCT International Application Number PCT/EP2016/064680 filed on June 24, 2016 (Confirmation No.[confirmation no]).

The application is entitled: Hybrid simulator and method for teaching optics or for training adjustment of an optical device

The above-identified application was made or was 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.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s) Lionel	Family Name/Surname(s) CANIONI		
Inventor's Signature:	Date		
Given Name(s) Martin	Family Name/Surname(s) HACHET		
Inventor's Signature:	Date		
Given Name(s) Jean Paul	Family Name/Surname(s) GUILLET		
Inventor's Signature:	Date 24/01/2018		
Given Name(s) Bruno	Family Name/Sumame(s) BOUSQUET		
Inventor's Signature:	Date		
Given Name(s) David	Family Name/Surname(s) FURIO		
Inventor's Signature:	Date		

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS. 1) UNIVERSITE DE BORDEAUX, 2) INSTITUT POLYTECHNIQUE DE BORDEAUX, 3) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 4) INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, hereinafter referred to as "assignee(s)", whose addresses are 1) 35, place Pey Berland, 33000 BORDEAUX, France; 2) 1 avenue du Docteur Albert Schweitzer, 33400 TALENCE, France; 3) 3 rue Michel Ange, 75016 PARIS, France; 4) Domaine de Voluceau, ROCQUENCOURT, 78153 LE CHESNAY, France; are desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I	hereb	y declare that:
This assignment and declaration is directed to:		The attached application, or
deciaration is unected to.	\boxtimes	United States Application or PCT International Application Number PCT/EP2016/064680 filed on June 24, 2016 (Confirmation No.[confirmation_no]).

The application is entitled: Hybrid simulator and method for teaching optics or for training adjustment of an optical device

The above-identified application was made or was 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.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Lionel	Family Name/Surname(s)	CANIONI
Inventor's Signature:		Date	
Given Name(s)	Martin	Family Name/Surname(s)	HACHET
Inventor's Signature:		Date	
Given Name(s)	Jean Paul	Family Name/Surname(s)	GUILLET
Inventor's Signature:		Date	
Given Name(s)	Bruno	Family Name/Surname(s)	BOUSQUET
Inventor's Signature:		Date	23/01/2018
Given Name(s)	David	Family Name/Surname(s)	FURIO
Inventor's Signature:		Date	
			PATENT

REEL: 045762 FRAME: 0835

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, 1) UNIVERSITE DE BORDEAUX, 2) INSTITUT POLYTECHNIQUE DE BORDEAUX, 3) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 4) INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, hereinafter referred to as "assignee(s)", whose addresses are 1) 35, place Pey Berland, 33000 BORDEAUX, France; 2) 1 avenue du Docteur Albert Schweitzer, 33400 TALENCE, France; 3) 3 rue Michel Ange, 75016 PARIS, France; 4) Domaine de Voluceau, ROCQUENCOURT, 78153 LE CHESNAY, France; are desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor:

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby-howledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I	herek	y declare that:
This assignment and		The attached application, or
declaration is directed to:		United States Application or PCT International Application Number PCT/EP2016/064680 filed on June 24, 2016 (Confirmation
		No. [confirmation_no]).

The application is entitled: Hybrid simulator and method for teaching optics or for training adjustment of an optical device

The above-identified application was made or was 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.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Lionel	Family Name/Surname(s) CANIONI
Inventor's Signature:		Date
- C(9) 10101(C)	************************************	
Given Name(s)	Martin	Family Name/Surname(s) HACHET
Inventor's Signature:		Date
Given Name(s)	Jean Paul	Family Name/Surname(s) GUILLET
Inventor's Signature:		Date
Given Name(s)	Bruno	Family Name/Surname(s) BOUSQUET
Inventor's Signature:		Date
Given Name(s)	David	Family Name/Surname(s) FURIO
Inventor's Signature:	Desily	Date 28/41/20/7
	- Cofficient -	

PATENT

REEL: 045762 FRAME: 0836

RECORDED: 03/29/2018