#### 503323970 05/27/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT3370588** 

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
LUBIN KERHUEL	07/25/2012
NICOLAS FRANCESCHINI	07/14/2012
STÉPHANE VIOLLET	04/02/2012

# **RECEIVING PARTY DATA**

Name:	UNIVERSITE D'AIX-MARSEILLE
Street Address:	JARDIN DU PHARO - 58, BOULEVARD
Internal Address:	CHARLES LIVON
City:	MARSEILLE
State/Country:	FRANCE
Postal Code:	13007
Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S)
Street Address:	3, RUE MICHEL ANGE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75016

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13516654

# **CORRESPONDENCE DATA**

Fax Number: (202)756-8087

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: 2027568000

Email: jchacon@mwe.com

**Correspondent Name:** MCDERMOTT WILL AND EMERY LLP Address Line 1: 500 NORTH CAPITOL STREET, NW

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	087927-0055
NAME OF SUBMITTER:	PAUL M. ZAGAR

**PATENT REEL: 035724 FRAME: 0859** 503323970

SIGNATURE:	/Paul M. Zagar/
DATE SIGNED:	05/27/2015
Total Attachments: 9	
source=Assignment1#page1.tif	
source=Assignment1#page2.tif	
source=Assignment1#page3.tif	
source=Assignment2#page1.tif	
source=Assignment2#page2.tif	
source=Assignment2#page3.tif	
source=Assignment3#page1.tif	
source=Assignment3#page2.tif	
source=Assignment3#page3.tif	

PATENT REEL: 035724 FRAME: 0860

the date shown below with sufficient	ng with any paper referred to as being attached or enclose nt postage as First Class Mail, in an envelope addressed to ce, P.O. Box 1450, Alexandria, VA 22313-1450.	d) is being deposited with the U.S. Postal Service on o: MS Assignment Recordation Services, Director of
	0	(David M. Zanas)

### **ASSIGNMENT**

THIS ASSIGNMENT, made by Lubin Kerhuel; Nicolas Franceschini; and Stephane Viollet (hereinafter referred to as Assignors), residing at 12 hameau des martins pecheurs, F-78170 La Celle Saint Cloud, FRANCE; 34 bis chemin Joseph Aiguier, F-13009 Marseille, FRANCE; and 133 rue breteuil, F-13006 Marseille, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHOD AND DEVICE FOR MEASURING THE ANGULAR POSITION OF A RECTILINEAR CONTRASTING EDGE OF AN OBJECT, AND SYSTEM FOR FIXATION AND TRACKING A TARGET COMPRISING AT LEAST ONE SUCH CONTRASTING EDGE, set forth in a Patent application for Letters Patent of the United States, already filed on June 15, 2012 as U.S. Application No. 13/516,654; and

WHEREAS, Centre National De La Recherch Scientifique (C.N.R.S.), a governmental research organization organized under and pursuant to the laws of FRANCE having its principal place of business at 3, rue Michel Ange, 75016 Paris, FRANCE and UN IVERSITE D 'AIX-MARSEILLE, a public research university organized under and pursuant to the laws of FRANCE having its principal place of business at Jardin du Pharo- 58. boulevard Charles Livon, 13007 Marseille, FRANCE (hereinafter referred to as Assignees), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which 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:

### MCDERMOTT WILL & EMERY LLP

All practitioners at Customer Number 20277

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	Signature	•
		Lubin Kerhuel
Date:	Joly 14 2012 Signature	Nicolas Franceschini
Date:	Signature	:Stéphane Viollet

the date shown below with su	r (along with any paper referred to as being attached or en discient postage as First Class Mail, in an envelope address k Office, P.O. Box 1450, Alexandria, VA 22313-1450.	closed) is being deposited with the U.S. Postal Service on sed to: MS Assignment Recordation Services, Director of
Dated	Signature:	(Paul M. Zagar)

### **ASSIGNMENT**

THIS ASSIGNMENT, made by Lubin Kerhuel; Nicolas Franceschini; and Stephane Viollet (hereinafter referred to as Assignors), residing at 12 hameau des martins pecheurs, F-78170 La Celle Saint Cloud, FRANCE; 34 bis chemin Joseph Aiguier, F-13009 Marseille, FRANCE; and 133 rue breteuil, F-13006 Marseille, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHOD AND DEVICE FOR MEASURING THE ANGULAR POSITION OF A RECTILINEAR CONTRASTING EDGE OF AN OBJECT, AND SYSTEM FOR FIXATION AND TRACKING A TARGET COMPRISING AT LEAST ONE SUCH CONTRASTING EDGE, set forth in a Patent application for Letters Patent of the United States, already filed on June 15, 2012 as U.S. Application No. 13/516,654; and

WHEREAS, Centre National De La Recherch Scientifique (C.N.R.S.), a governmental research organization organized under and pursuant to the laws of FRANCE having its principal place of business at 3, rue Michel Ange, 75016 Paris, FRANCE and UN IVERSITE D 'AIX-MARSEILLE, a public research university organized under and pursuant to the laws of FRANCE having its principal place of business at Jardin du Pharo- 58. boulevard Charles Livon, 13007 Marseille, FRANCE (hereinafter referred to as Assignees), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignce, as Assignee of said inventions and

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which 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:

# MCDERMOTT WILL & EMERY LLP

All practitioners at Customer Number 20277

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	Signature:	Lubin Kerhuel
Date:	Signature:	Nicolas Franceschini
Date: Angun 10th 2012	Signature:	Stéphane Viollet

the date shown below with sufficient	g with any paper referred to as being attached or enclosed postage as First Class Mail, in an envelope addressed to a, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated:	Signature:	(Paul M. Zagar)

#### ASSIGNMENT

THIS ASSIGNMENT, made by Lubin Kerhuel; Nicolas Franceschini; and Stephane Viollet (hereinafter referred to as Assignors), residing at 12 hameau des martins pecheurs, F-78170 La Celle Saint Cloud, FRANCE; 34 bis chemin Joseph Aiguier, F-13009 Marseille, FRANCE; and 133 rue breteuil, F-13006 Marseille, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHOD AND DEVICE FOR MEASURING THE ANGULAR POSITION OF A RECTILINEAR CONTRASTING EDGE OF AN OBJECT, AND SYSTEM FOR FIXATION AND TRACKING A TARGET COMPRISING AT LEAST ONE SUCH CONTRASTING EDGE, set forth in a Patent application for Letters Patent of the United States, already filed on June 15, 2012 as U.S. Application No. 13/516,654; and

WHEREAS, Centre National De La Recherch Scientifique (C.N.R.S.), a governmental research organization organized under and pursuant to the laws of FRANCE having its principal place of business at 3, rue Michel Ange, 75016 Paris, FRANCE and UN IVERSITE D 'AIX-MARSEILLE, a public research university organized under and pursuant to the laws of FRANCE having its principal place of business at Jardin du Pharo- 58. boulevard Charles Livon, 13007 Marseille, FRANCE (hereinafter referred to as Assignees), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

087927-0055

REEL: 035724 FRAME: 0867

may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

2

the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which 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:

# MCDERMOTT WILL & EMERY LLP

All practitioners at Customer Number 20277

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	25/07/12	Signature:	Y. We Led	
		• .	Lubin Kerhuel	
Date:		Signature:	Nicolas Franceschini	
Data		<b>6</b> 0	Propries Pranceschini	
Date:	-	Signature:	Stéphane Viollet	*******************************

087327-0056

**RECORDED: 05/27/2015**