PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4041226

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FABIEN DANIEAU	04/18/2016
ANATOLE LECUYER	08/19/2016
NICHOLAS MOLLET	05/20/2016
JULIEN FLEUREAU	03/18/2016
PHILIPPE GUILLOTEL	06/03/2016

RECEIVING PARTY DATA

Name:	THOMSON LICENSING
Street Address:	1 RUE JEANNE D'ARC
City:	ISSY DE MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14391496

CORRESPONDENCE DATA

Fax Number: (631)884-0081

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: 6318440080

Email: sschmidt@tb-iplaw.com

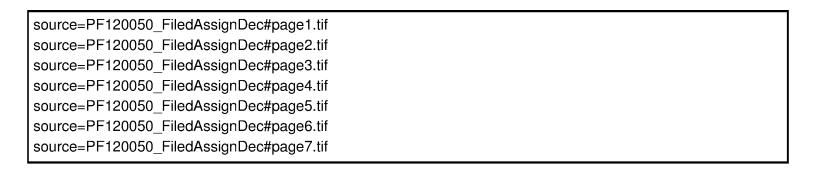
Correspondent Name: TUTUNJIAN & BITETTO, P.C.

Address Line 1: 401 BROADHOLLOW ROAD, SUITE 402

Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	PF120050	
NAME OF SUBMITTER: JOHN G. TUTUNJIAN		
SIGNATURE:	/John G. Tutunjian/	
DATE SIGNED:	09/07/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
	•	

Total Attachments: 7



DECLARATION

Docket No.PF120050

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD TO RENDER 6 DOF MOTION EFFECT WITH MULTIPLE LOCAL FORCE-FEEDBACK

		والمراجع المراجع المرا	
the specification of which was filed	d on 10 APRIL 2013	as Application Senal No.	PCT/EP13/057443 and was amended on
09 OCT 2014	, or, it not identified r	nere by filing date and serial number	r, is attached hereto.
The above-identified applica	tion was made or authorized to be n	nade by me.	ime so amondad by any amandment
referred to above.	and the contents of the above ident	med specification, including the class	ims, as amended by any amendment
	sclose information which is material	to natentability as defined in 37 CF	R 1.86, including for continuation-in-
part applications, material informa	ition which became available between	en the filing date of the prior applica	stion and the national or PCT
international filing date of the conf	finuation-in-part application.		
I hereby declare that all state	aments made herein of my own kno	wledge are true and that all stateme	ents made on information and belief
	or that these statements were made		statements and the like so made
are punishable by fine or imprison	nment of not more than five (5) years	s, or both, under 18 USC 1001.	
ASSIGNMENT	AND AGREEMENT IN A	N APPLICATION FOR LE	tters patent
For valuable consideration	no reneived I hereby sell assign a	and transfer to Thomson Licensing	a, a corporation duly organized and
			terest, for all countries in and to said
inventions, including India and the	e United States of America, and all	the rights and privileges under an	y and all Letters Patent that may be
granted therefor, and any division	is, continuations, reissues and exter	isions thereof.	
l agree that, when reque	sted, I will, without charge to said	corporation but at its expense, sig	in all papers, take all rightful oaths,
make all rightful declarations and	do all acts which may be necessary	y, desirable or convenient for secur	ring and maintaining patents or other poration, its successors, assigns or
nominees.	tuchs in any and all countries and	ior vesting offerthereto in said do	poradon, na successora, dasigna or
	nicate to said corporation or its repre	esentatives any facts known to me	respecting said inventions and when
requested by said corporation as	nd at its expense will testify in any	 legal proceedings, and generally 	y do everything possible to aid said
corporation, its successors, assig	ins and legal representatives or nor	ninees, to obtain or enforce proper	protection for said inventions in any
and all countries.			alle See See unique on allege form of
l authorize and empowe	r said corporation, its successors,	assigns or nominees, to make ap	plication for patent or other form of invoke and claim for any application
for nation or other form of protec	sion for eald inventions filed by it o	or them, the benefit of the cight of	priority provided by the International
Convention for the Protection of	Industrial Property, as amended, or	r by any convention which may be	nceforth be substituted for it, and to
 Invoke and claim such right of price 	crity without further written or oral at	uthorization from me.	
I hereby consent that a co	opy of this assignment shall be deep	med a full legal and formal equivale	ent of any assignment, consent to file
or like document which may be n	equired in any country for any purp	ose and more particularly in proof	of the right of the said corporation or
its successors, assigns or nomine	ees to apply for patent or other proj	per protection for said inventions, a	and to claim the aforesaid benefits of as amended, or by any convention
which may henceforth be substitu		s Protection of madecial Croperty,	as amended, or by any contention
Ecovenant with Thomson	Licensing, its successors, assigns,	legal representatives, and nomine	es, that to the best of my knowledge
the right, title and interest herein	conveyed by me are free and clea-	r of any encumbrance, and that I h	have full right to convey the same as
herein expressed			
	, ,,	121	
Signed at	4-Sevigia	Date 18/04/2011	\$
orgines at	- facilities of the state of th		
Inventor	· ·		
	N DANIEAU	20016	7
	(Type or Print)	Sion 2	nature in Full – No Initials)
'	(Type of Fillit)	(0.9)	tastic at total 146 transity
Post Office			
	NICOLOR R&D FRANCE, 975	avanua das Chamns Blancs, i	F-35576 Cesson Séviené
******	MCCCCOCCIOCCC, 2721	as a read a control of a control of	Canada and and and and and and and and an
Cedex, France			
1st Witness BEIG	TRAND LEROY	The second secon	Section 1997
. 770000	(Type or Print)	(Sigi	nature in Full - No Initials)
	Contract to the contract of th	1 · · · · · · · · · · · · · · · · · · ·	*

Thomas Lopez

2nd Witness

Address

DECLARATION

Docket No.PF120050

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD TO RENDER 6 DOF MOTION EFFECT WITH MULTIPLE LOCAL FORCE-FEEDBACK

the specification o	f which was filed on	as Application Serial No.	PCT/EP13/057 and was amended on
	10 APRIL 2013		443
09 OCT 2014		d here by filing date and serial:	number, is attached hereto.
	intified application was made or authorized to ed and understand the contents of the above i		g the claims, as amended by any
amendment referre			
	the duty to disclose information which is mat		
	t applications, material information which because		date of the prior application and
	International filing date of the continuation-in the that all statements made herein of my own		ii etakamante enerie an
	lief are believed to be true; and further that t		
	e like so made are punishable by fine or impris		
1001.	,,		
ASSIGN	MENT AND AGREEMENT IN AN	APPLICATION FOR	LETTERS PATENT
Ear valuab	le consideration received, I hereby sell, as:	view and transfer to Thomson	a Licensing a corneration duly
	iting under the laws of the country of France		
	and to said inventions, including India and		
	Letters Patent that may be granted there		
thereof.			
l agree tha	t, when requested, I will, without charge to sai	d corporation but at its expens	e, sign all papers, take all rightful
	ightful declarations and do all acts which is or other forms of protection for said invent		
• •	ccessors, assigns or nominees.	iona in any ana air countries an	a for vesting this thirton in tone
	at I will communicate to said corporation of	r its representatives any fact	s known to me respecting said
	en requested by said corporation and at its		
	e to aid said corporation, its successors, assi- for said inventions in any and all countries.	gns and legal representatives o	r nominees, to obtain or enforce
authorize	and empower said corporation, its successor	s, assigns or nominees, to mak	te application for patent or other
	n for said inventions in its or their own name.		
	cation for patent or other form of protection		
priority provided i	by the International Convention for the Prote forth be substituted for it, and to invoke a	ction of industrial Property, as	amended, or by any convention
authorization from		nd claim such right or priority	Without tartion written or situ
	onsent that a copy of this assignment shall t	e deemed a full legal and form	nal equivalent of any assignment,
	like document which may be required in any		
	corporation or its successors, assigns or nor		
	o claim the aforesaid benefits of the right		
	strial Property, as amended, or by any conven- with Thomson Licensing, its successors, assign		
	ht, title and interest herein conveyed by me		
	ne as herein expressed.		•
-			
n: ; .	RENNES FRANCE	nu 10	*August 2016
Signed at	1,000,000	Date	The state of the s
Inventor			
Name	ANATOLE LECUYER		
	(Type or Print)	(Sigr	nature in Full – No Initials)
Post Office			

9 RUE PIERRE GOURDEL, F-35000 RENNES, France

Custome	er No. 24498	DECLARATION	Docket No.PF120950
1st Witness	Trongers Lehrang		(Signature in Full - No Initials)
2 nd Witness	Lenoch LF Gous (Type or Print)		(Signatore) in Full – No Initials)

DECLARATION

Docket No.PF120050

Cedex, France

As a below named inventor, I hereby declare that:
I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD TO RENDER 6 DOF MOTION EFFECT WITH MULTIPLE LOCAL FORCE-FEEDBACK

the specification of		as Application Serial No.	PCT/EP13/0S74 and was amended on
60 COT 2014		Sad keep by filter date and parial s	43
09 OCT 2014	ntified application was made or authorized	to he made by me	iditiber, is accounted the cost
I have reviewe	d and understand the contents of the above	ve identified specification, including	g the claims, as amended by any
amendment referre	d to above.		
l acknowledge	the duty to disclose information which is r	naterial to patentability as defined	fin 37 CFR 1.56, including for
	applications, material information which b PCT international filing date of the continu		guate of the prior application
I hereby declar	re that all statements made herein of my o	wn knowledge are true and that al	li statements made on
information and bei	ief are believed to be true; and further tha	t these statements were made wil	th the knowledge that willful
	nd the like so made are punishable by fine	or imprisonment of not more than	five (5) years, or both, under 18
USC 1001.			
ASSI	Gnment and agreement in A	an application for Le	tters patent
For valuable	e consideration received, I hereby sell,	assign and transfer to Thomson	Licensing, a corporation duly
organized and exis	ting under the laws of the country of Fran	ice, its successors, and assigns m	y entire right, title and interest,
for all countries in	and to said inventions, including India an	d the United States of America,	and all the rights and privileges
	Letters Patent that may be granted the	erefor, and any divisions, continu	ations, reissues and extensions
thereof.	t, when requested, I will, without charge	to said corporation but at its e	xpense, sign all papers, take all
rightful oaths, mak	e all rightful declarations and do all acts to	which may be necessary, desirable	e or convenient for securing and
	s or other forms of protection for said inve	entions in any and all countries an	d for vesting title thereto in said
corporation, its suc	cessors, assigns or nominees. It I will communicate to said corporation	o or its representatives any fact	s known to me respecting said
inventions and whi	en requested by said corporation and at i	its expense will testify in any leg-	al proceedings, and generally do
everything possible	s to aid said corporation, its successors, a	ssigns and legal representatives o	r nominees, to obtain or enforce
proper protection I	for said inventions in any and all countries, and empower said corporation, its success	ness regions or cominger to make	is application for patent or other
form of protection	for said inventions in its or their own nar	ne or in my/our name, in any ans	d all countries and to invoke and
claim for any applic	cation for patent or other form of protection	on for said inventions filed by it or	them, the benefit of the right of
priority provided b	withe International Convention for the Pro	prection of Industrial Property, as	amended, or by any convention
	orth be substituted for it, and to invoke	s and claim such right of priority	without further written or orai
authorization from	me. insent that a copy of this assignment sha	If be deemed a full legal and form	al equivalent of any assignment,
consent to file or	like document which may be required in a	any country for any purpose and	more particularly in proof of the
right of the said of	corporation or its successors, assigns or	nominees to apply for patent or	other proper protection for said
inventions, and to	o claim the aforesaid benefits of the rig strial Property, as amended, or by any con-	int or priority provided by the i	international convention for the
1 covenant	with Thomson Licensing, its successors, a	ssigns, legal representatives, and r	nominees, that to the best of my
knowledge the righ	nt, title and interest herein conveyed by n	ne are free and clear of any encum	nbrance, and that I have full right
to convey the sam	e as herein expressed.		
	Dr. Arcs	9 4	15/2016
Signed at	REMES	Date	70700
Inventor		<u> </u>	Company of the second
Name	NICOLAS MOLLET	110000	Sature in Edit No Initials)
	(Type or Print)	198	10 CLACE IN COURSE INC. WILLIAMS)
Post Office			
Address	TECHNICOLOR R&D FRANCE, 975	avenue des Champs Blancs, F	-35576 Cesson Sévigné

DECLARATION

Docket No.PF120050

1st Witness

Fabier DANICA

Type or Print)

2nd Witness

Bertrand LEROY

(Type or Print)

Telepastara in Eudi - Ma Initiala)

(Signature in Full - No Initials)

DECLARATION

Docket No.PF120050

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled.

METHOD TO RENDER 6 DOF MOTION EFFECT WITH MULTIPLE LOCAL FORCE-FEEDBACK

the specification of which was filed on	10 APRIL 2013	as Application Serial No. ere by filling date and serial numb	PCT/EP13/057443	and was amended on
09 OCT 2014	was made or authorized to be ma	ere by filing date and senai numo	er, is altached nereib.	
t have reviewed and uniterstand	the contents of the above identifie	ed an editionation, including the clai	ms, as amended by any	amendment
referred to above				
acknowledge the duty to disclose	se information which is material to	patentability as defined in 37 CF	R 1.56, including for con	tinuation-in-
part applications, material information	which became available between	the filing date of the prior applica	ition and the national or f	20T
international filing date of the continua	tion-in-part application.	adan on its a and that all statutes	ate made an information	and halief
are believed to be true; and further the	nts made herein of my own knowled there statements were made with	edge are true and that at statem ith the knowledge that willful false	statements and the like	so made
are punishable by fine or imprisonmen	it of not more than five (5) years.	or both, under 18 USC 1001.	Oldieli, office said tire	
	nd agreement in an			
For valuable consideration re	oceived, i hereby sell, assign and	d transfer to Thomson Licensing	i, a corporation duly org	anized and
existing under the laws of the country	of France, its successors, and as	signs my entire right, title and int	erest, for all countries in	and to said
inventions, including India and the Ur granted therefor, and any divisions, or	itted States of America, and arterel	te lights and privileges order att	y and an Letters ratem t	Hat may no
annea that when requested	I will without chame to said or	emoration but at its expense, sig	in all papers, take all rig	thtful oaths,
make all rightful declarations and do a	all acts which may be necessary.	desirable or convenient for secur	ing and maintaining pate	ents or other
forms of protection for said invention	s in any and all countries and fo	or vesting title thereto in said cor	poration, its successors.	, assigns or
nominees.	e to said corporation or its repres-	aniathan any fanta kerawa ta ma	roonacting paid inventor	ic and when
requested by said corporation and a	t its amages will testify in any l	and renearing and renerally	do everything possible	to aid said
corporation, its successors, assigns a	nd legal representatives or nomin	nees, to obtain or enforce proper	protection for said inven	itions in any
and all countries				
I authorize and empower sa	d corporation, its successors, as	signs or nominees, to make ap	plication for patent or of	ner form of
protection for said inventions in its or for patent or other form of protection	their own name, or in my/our nam	them, the benefit of the right of t	nivoke and claim for any priority provided by the i	international
Convention for the Protection of Indu	strial Property, as amended, or t	ov any convention which may he	ncelorin be substituted f	or it, and to
invoke and claim such could be priority	without further written or oral auti-	norization from me.		
I haraby respont that a conv.	of this assignment shall be deems	ed a full legal and formal equivals	int of any assignment, co	insent to file
or like document which may be requi	red in any country for any purpos	ie and more particularly in proof to	of the right of the said of the claim the aforassis	housing of
the right of priority provided by the I	nternational Convention for the I	Protection of Industrial Property.	as amended, or by any	convention
which may hanceforth he substituted	for it.			
I covenant with Thomson Lic	ensing, its successors, assigns, Is	egal representatives, and nomine	es, that to the best of my	/ knowledge
the right, title and interest herein con	veyed by me are free and clear of	of any encumbrance, and that if	lave full right to convey :	ne same as
herein expressed.				
\sim		in looks	1 . 1	
Signed at (CO)	Lovien	Date AX/GS/ 2	<u> </u>	
•				at the Asternation of
Inventor	9		- Lander Land	and the state of t
Name JULIEN F	LEUREAU			***
(Ту;	se or Print)	(81g)	nature in Full - No In	itials) _,
m		and the same of th		
Post Office		des Oberes Oleman	- 25575 Cassan Skill	lassá
	OLOR R&D FRANCE, 975 av	renue des Champs biancs, i	30370 Cesson Sea	Rue.
Cedex, France		nd //		
		1 1 1 1	والمتعادية	
	4 1	VANA	A STATE OF THE PARTY AND THE PARTY.	
1st Witness Travall	Thudre		Andreas In Property	ilinia)
(Ty	pe or Print)	(Sign	pature in Full - No in	iuais)
1 1	00.107	che	r/()	
2 nd Witness 12 whole	- All Mr		hakire in Full – No In	itinto)
(Ty	pe or Print)	(Sign	iekusan Lnii – ižo iu	mais)

DECLARATION

Docket No.PF120050

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD TO RENDER 6 DOF MOTION EFFECT WITH MULTIPLE LOCAL FORCE-FEEDBACK

the specification of	which was filed on	as Application Serial No. PCT/EP13/0574 and was amended or
00 000 0014	10 APRIL 2013	43
09 OCT 2014	tified application was made or authorized to	ed here by filing date and serial number, is attached hereto.
I have reviewed	and understand the contents of the above	identified specification, including the claims, as amended by any
amendment referred	to above.	
i acknowledge i	he duty to disclose information which is ma	aterial to patentability as defined in 37 CFR 1.56, including for came available between the filing date of the prior application
continuation-in-part	applications, material information which be CT international filing date of the continua	tion-in-part application.
Lhereby declare	: that all statements made berein of my ow	in knowledge are true and that all statements made on
information and believe	of are believed to be true; and further that	these statements were made with the knowledge that willful imprisonment of not more than five (5) years, or both, under 18
usc 1001.	I the like so made are punishable by line or	imprisorment of not more than two (3) years, as both, thousand
ASSIC	inment and agreement in A	n application for letters patent
For valuable	consideration received, I hereby sell, a	ssign and transfer to Thomson Licensing, a corporation duly
presentant and exist	on under the laws of the country of Franci	e, its successors, and assigns my entire right, title and interest,
for all countries in	and to said inventions, including India and	the United States of America, and all the rights and privileges efor, and any divisions, continuations, reissues and extensions
thereof		
tedt same I	, when requested, I will, without charge t	to said corporation but at its expense, sign all papers, take all
rightful nathe make	all pinhtful declarations and do all acts w	high may be necessary, desirable or convenient for securing and
maintaining patents	or other forms of protection for said invertessors, assigns of nominees.	ntions in any and all countries and for vesting title thereto in said
Lagree that	I will communicate to said corporation	or its representatives any facts known to me respecting said
inventions and whe	n requested by said corporation and at its	s expense will testify in any legal proceedings, and generally do
everything possible	to aid said corporation, its successors, ass or said inventions in any and all countries.	signs and legal representatives or nominees, to obtain or enforce
suthorize s	and eranower said compration, its successo	ors, assigns or nominees, to make application for patent or other
form of protections	for eald inventions in its or their own name	e, or in my/our name, in any and all countries and to invoke and
claim for any applica	ation for patent or other form of protection who istornational Conjection for the Prot	i for said inventions filed by it or them, the benefit of the right of lection of Industrial Property, as amended, or by any convention
which may hencefor	orth be substituted for it, and to invoke	and claim such right of priority without further written or oral
authorization from	Yidi	
I hereby cor	isent that a copy of this assignment shall	be deemed a full legal and formal equivalent of any assignment, by country for any purpose and more particularly in proof of the
right of the early or	renoration or its successors, assigns of or	nminees to apply for patent or other proper protection for saw
inventions and to	claim the aforesaid benefits of the righ	it of priority provided by the international Convention for the
Protection of indust	rial Property, as amended, or by any conve	ntion which may henceforth be substituted for it. signs, legal representatives, and nominees, that to the best of my
t covenant v knowledge the righ	t title and interest herein conveyed by me	are free and clear of any encumbrance, and that I have full right
to convey the same	as herein expressed.	
	1	20 000000000000000000000000000000000000
Signed at	Cesson-Séwigne	Date 03 June 2016
Inventor		and the second s
Name	PHILIPPE GUILLOTEL	
	(Type or Print)	(Signature in Full - No Initials)
		Market and the second s
Post Office		des Characa Characa Carre Carre Characa
Address	TECHNICOLOR R&D FRANCE, 975	avenue des Champs Blancs, F-35576 Cesson Sévigné
Cedex, France	MAN AND AND COME BY CAME WERE THE THE THE THE THE THE THE THE THE TH	van
		(Charles
1° Witness	DENIS Bernard	American de la constitución de l
i Mid (699	(Type or Print)	(Signature in Full - No Initials)
	でいえが あん え かこう ニーダー ナ ごみここ	
2 nd Witness	DANIFAU FaSien (Type or Print)	(Signature in Full – No Initials)

PATENT REEL: 039661 FRAME: 0778

RECORDED: 09/07/2016